TAC
TOTAL PRINT
Toàn Ấn Co., Ltd.

Kodak
It's time for you **AND** Kodak

INTRODUCTION

Toan An Co., Ltd is authorized distributor for leading suppliers of graphic arts & printing in the world.

● Commence business in 2003, we have more than ten years experienced and serving many customers & projects in Viet Nam, Lao, Cambodia.

● Located in Ho Chi Minh City and Representative Office in Ha Noi.

● Provied equipments and consumables for printing & packaging companies.

VISION

Being the top successful and dependable solutions provider for Printing & Packaging market.

MISSION

Exceeding the demands of our clients through our creative efforts, dedicated & talents to be long-term partner of the clients in the solution provided.
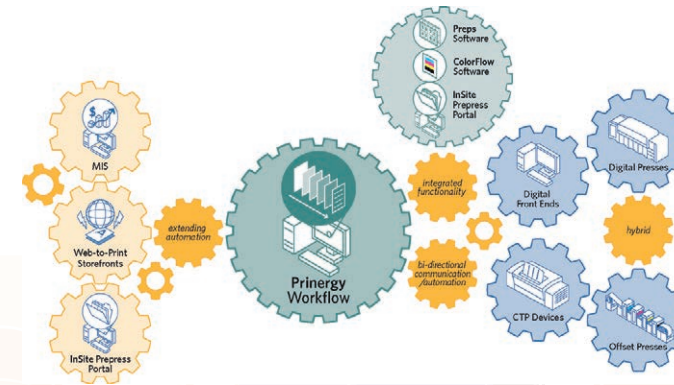
CORE VALUES

● Committing clients to the best products and services.

● Respecting clients for the most valuable properties of company and the heart of all company activities and strategies

KODAK PRINERGY WORKFLOW

● Over the years, PRINERGY Workflow has continually made prepress more and more efficient. Processes that only a few years ago took several minutes are now done in a few seconds.

● PRINERGY introduced the concept of the workflow as a hub of prepress control. It brought intelligent automation to print manufacturing. It centralized control over digital presses and CTP devices, and put more prepress power and control into the operator's hands than anything before.

● PRINERGY makes operations easier, simplifies automation, and reduces error. It's the solution for commercial, packaging and publication printers seeking to centralize and automate print production.

IDEAL SOLUTIONS PROVIDER FOR:

Commercial Printing - *Unleashing the power of print in digital world*

Kodak helps you thrive in the world of digital transformation, creating new revenue opportunities. Now, you can produce higher-value offset, hybrid and digital pages, complemented with web, mobile and social media at the lowest delivered cost. Open the door to high growth and increased response rates.

Packaging - *Driving impact and efficiency from concept to consumer*

To remain the value and security of brands, increase the attraction of the products, give the effects from design to printing products by many different technologis such as Offset, Flexo and Digital. With Original processing and color control workflow, Kodak gives dominance to enterprises in the current competitive markets.

Publishing – *Innovating in an ever-changing world*

Start with a comprehensive portfolio of publishing solutions - delivering dramatic improvement in operational efficiency and print quality, plus offering the innovative choices you need to tackle today's challenges and seize tomorrow's opportunities.
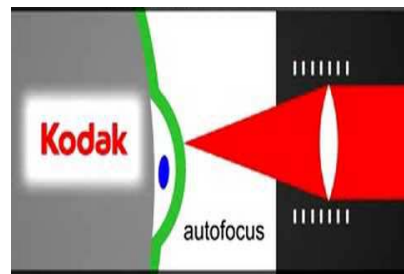
Kodak

It's time for you **AND** Kodak

KODAK IMAGING TECHNOLOGY

» *Technology leadership that drives exceptional performance*

» *Proven differentiation and market leadership*

» *Precision, stability, & consistency of thermal imaging*

SQUAREspot Technology:

● SQUAREspot uses a unique 10,000 dpi laser for commercial CTP and 5,000 dpi for newspaper.

● SQUAREspot Technology uses the finest and sharpest CTP laser.

● SQUAREspot Technology outperforms both Gaussian and GLV in tonal stability and exposure uniformity because its 10,000 dpi laser is the most resistant to cyclical changes in plates, power and chemistry. This reduces the frequency of colour mismatches and plate remakes.

Dynamic Autofocus - Reducing Waste

Dynamic autofocus technology tracks the surface of the plate to maintain exact laser focus, exposure, and pixel size as the drum rotates. This technology enables stable and consistent imaging, even if there are slight variations in the surface of the plate.
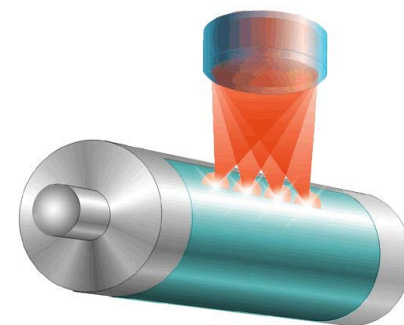
Temperature Compensation System

All of the promised CTP benefits of better registration and fit can be lost by the simple act of exposing plates at different temperatures as the platesetter and/or ambient temperature raises and lowers over the course of the day. To eliminate the impact of this problem, Kodak employs *a unique temperature compensation system* that measures the plate temperature and adjusts the plate image size to maintain fit and register.

Geometry compensation

The geometry compensation helps to compensate about asymmetric mechanics and enhance the accurate of imaging for many different kind of plates.

This technology has organised the straight ruling screens to ensure the accuracy for every plates.

This is the unique CTP technology of Kodak to ensure printers can produce the same job on different Kodak CTP devices, even in different locations, with the same results and registration.

CTP KODAK SYSTEM

Trendsetter Q400/ 800 Platesetter

The popular Kodak Trendsetter 800 Platesetter is designed to meet the new challenges of today's business environment. Based on the same trusted technology that printers have depended on for over 20 years, the Trendsetter Platesetter has a small footprint and a powerful thermal imaging head for maximum productivity with Kodak Sonora XP Process Free Plates. The fast throughput, reliability, and stable, high-quality thermal imaging of the Trendsetter 800 Platesetter can help you exceed your customers' expectations, efficiently and affordably. To succeed in today's changing market, you need products and technologies that can adapt, and Kodak keeps investing in the Trendsetter Platesetter to help you excel, now and in the future.

Trendsetter VLF (Very Large Format) Platesetter

Built with the same award-winning thermal imaging technology and advanced engineering that have made Kodak Trendsetter Platesetters popular worldwide for over 20 years, the new, efficient Kodak Trendsetter Q1600 Platesetters offers outstanding quality and reliability for large-format plate making. This new VLF plate making device is a result of Kodak's continued efforts to provide new solutions to benefit our customers and demonstrates Kodak's commitment to CTP innovation.
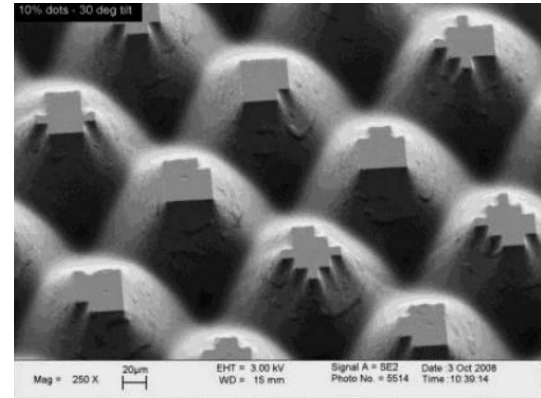

Kodak CTP Thermal Plate

If you want to improve production, more quality and save costs, friendly with the enviroments to create dominance to compete. Kodak has plates to help you create these dominances :

- Sonora Plate: No need chemicals to clean plate, remove completely chemicals and plate processor.

- CTP Thermal Plate : maximize productivity with the high quality digital plate , for conventional and UV inks.

- Chemicals : Using with Kodak plates provide advantage to the printing companies.

4 5

SOLUTIONS FOR FLEXO PACKAGING

Flat Top Dots Technology Create By Flexcel NX.

● Over the years, the flexographic printing industry has used several dot shapes and structures, with varying resultant effects on plate life and consistency.

● It is generally accepted that the flat top dot structure of analog or conventional flexo dots enables considerably longer plate life (often 2 to 5 times) compared in like-for-like tests to the rounded dots utilized by traditional digital plates.

● Flexcel NX System with Flat Top Dots technology create the Flexo plate perfectly, provide better quality for products in Flexo Printing than Analog and Digital LAMS technologies.

KODAK Flexcel NX System:

Completely Turnkey Solutions For Flexographic Technology Flexcel NX Imagers provide not only exceptional quality, but also a versatility that maximizes return on investment. These devices can also image process-free Kodak DITR 4401 Film as a replacement for traditional graphic arts film, and all imagers in the range can benefit from an optional hybrid upgrade that enables the imaging of digital offset plates.

Kodak Flexographic Plates

A full line of flexographic and letterpress plates and consumables for your printing needs.

● KODAK FLEXCEL NX Plates are reliable, high quality flexographic plates designed to print on a wide variety of substrates.

● KODAK FLEXCEL SR Flexographic Plates have been designed to bring brand owners confidence that their packaging will be produced reliably and consistently.

Accommodate Any Tape of Flexoprinting And Letter Press Printing

DuploFLEX®plate mounting tapes for perfect print results.

● DuploFLEX®adhesive tapes have been specially developed to meet the challenges faced in flexoprinting and letterpress printing.

● The plate mounting tape is characterized by its ease of handling, easy removal and a perfect print result.

● With the different foam hardness and different sets of adhesive properties, DuploFLEX® gives customers the freedom to make always the best choice for each printing job.

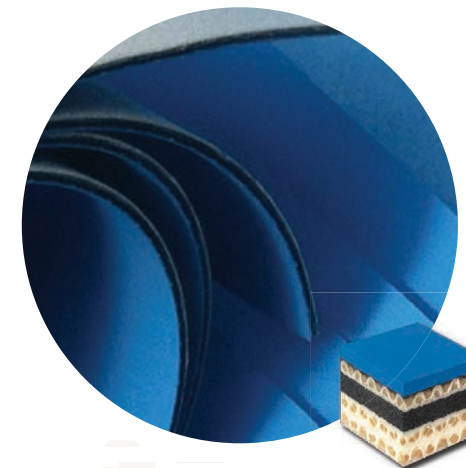# The World's Leader in Pressroom Solutions

Bottcher Printing Rollers

Industrial production would be virtually inconceivable without rollers and cylinders. Graphic rollers are found in every printing process : Offset (sheetfed and web), rotogravure, Flexography, Letterpress.

● Bottcher produce machine components that meet the highest standards, using in the pressure or strain and operate in high productivity.

● The material covers outside is the elastic blanket which is suitable for high quality printing.

● Geometry, surface quality and compounding combine to produce the ideal covering.

For development and design, we provide our customers a roller dimensioning program, nip-width calculation and core configuration.

Bottcher Printing Blankets

● Bottcher is breaking new ground: The Twin-technology with 2 compresible layers.

● Exact dot reproduction, rich, even solids, quick sheet and web release and reduced piling and linting, all these criteria are achieved with the aid of Bottcher products. Excellent smash achieved with the aid of Bottcher guarantee top performance. And this quality pays off, as printers who use optimum printing blankets and coating plates work much more economically.

Bottcher Printing Chemicals

● Strong cleaning action and outstanding reliability. Washes, perfectly adapted to the requirements of users, presses and environment.

● Bottcher washes are specifically designed for the use in all types of automatic washing units to clean printing blankets, rollers and impression cylinders in modern sheetfed offset presses. They offer strong cleaning action and outstanding reliability. These products have been tested and approved by press manufacturers such as KBA, Man Roland, Heidelberg, Mitsubishi, Komori...

Tau 330/330E - Label Machine - Digital Narrow Web

Durst Digital Machine with inkjet UV technology, suitable for media and short jobs. Printing speed up to 48m/minute (157 ft) .

TAU 330/330E has been designed with inkjet UV technology and has specially Drop in demand technology, give you the sharp quality, wide gammut and white color gets the target by only 1 pass.

- Low cost of ink , operation , maintainence are the great solution for medium and short runs.

- The selection of resolution : 720x360 dpi and 720x1270 dpi.

- Other options :

● Printing on pre-dye cutting or adding information on printed labels.

● Variable Data Printing (VDP).

There are two models:

TAU 330E

TAU330

- Color: CMYK , extended up to 7 colors include CMYK, Orange, Violet and White.

- The printing width 330 mm.

- Many substrates : coated paper, uncoated, white or transparent film, PP, PE, PVC, POPP, PET and aluminant film (with chilly roller).

TAU330/200E

- Color: CMYK, White color is optional.

- The printing width : 200 mm or 330 mm.

- Many substrates : coated paper, uncoated, white or transparent film, PP, PE, PVC, POPP, PET.

LFS 330 - Laser dye cutting solution

- Dye cutting speed is up to 100m/minute and in many shapes, sizes on one pass without stopping the machine to change the layout.

- Inline with digital machine TAU330 (optional).

- On many different materials.

Make the difference for your brands

In the colorful and full information world, Scodix gives the difference by creating the special effect in postpress.

As the leader in providing the top technology to create effect in digital, Scodix supports many solutions to make attractive products, impressive brand, and provide advantages to the enterpises in the competitive business base on the different effect:

Scodix Sense

SCODIX SENSE effect allows to change the normal products become creative products.

Scodix SENSE makes the creative effects by the following characteristic :

- The Gloss Unit is 99 (GU), the highest gloss.

- The thickness up to 250 micron, higher 100 times than coated varnish.

- The height change from 1 to 100%.

Scodix Spot

A part of coated solutions by Digital technology help you to save time in preparation and downtime to change layout.

Scodix Spot give you the economic results, and higher quality than the conventional coated technology.

Scodix Rainbow

The leading digital solution in creating glitter effect.

Allows to print bullion into the selected location and make the glitter effect on the products.

Application in the Web2Print such as photobook , invitations, greeting, coverbooks ... and many kinds.

Scodix Foil

Scodix Foil is an optional to connect directly with the printer Scodix Ultra Pro, make the special foil effect, has high gloss, dye cutting with variable height, it's suitable for short and medium jobs.

Scodix Foil can use many kind of foil from many suppliers. Can print on various materials such as plastic, coated products/uncoated, varnished products... in Offset, Digital technologies...

Color Management and Communication Solutions

X·rite
PANTONE®

DESIGNERS/
PHOTOGRAPHERS

INK
SUPPLIERS

PREPRESS

BRAND OWNERS/
CREATIVES

COMMERCIAL
PRINTERS

RM200QC

- The X-Rite RM200QC Imaging Spectrocolorimeter bridges the gap between color appearance and material color - from incoming material batches to outgoing product shipments - in an elegant, portable unit that fits comfortably in your hand.
- The RM200QC is designed to provide stable color comparisons for materials and products wherever color control is important. Here are just a few of the industries where RM200QC makes a difference: Appliances & Housewares, Building Materials, Consumer Electronics, Recreation Products, Apparel/Textiles, Soft & Hard Home Products, Toys, Accessories, Plastics, Paints & Coatings.

InkFormulation

- When printers need special colors, delays in getting the right ink on press can cost precious time, result in costly waste and affect customer satisfaction. In addition, the rising cost of crude oil is affecting ink prices.
- InkFormulation software provides a fast, accurate and consistent inkformulation, formula creation, storage, approval and retrieval solution for offset, flexographic, gravure and screen-printing inks. The InkFormulation software gives ink suppliers and printers more flexibility over recipes and assortments, improves basic materials handling, automatically determines the right ink film thickness and helps to eliminate hazardous waste.

i1 Professional Color Management Solutions

- Communicating color easily, accurately and often is critical to business success in the sign and display graphics business. With X-Rite's i1 Professional Color Management Solutions, use your camera, display monitor, projector or 4 to 6 colors wide format printer to communicate color right... the first time, every time.
- Meet customer expectations, differentiate yourself in the market and save time and money on ink and media.

IGT Testing Systems

Development, manufacturing and marketing of printability testing equipment and tack testing instruments for the worldwide paper industry, printing industry, graphical arts, plastic paint, ink and coating industry. Quality control and test services for buyers and users of new or used printing presses, based on the IGT print test forms or other forms. The world-renowned IGT printing test form is available for black and white and color printing.

iCPlate II

- Portable plate readers that provide high level of plate reading accuracy. It supports all current screening technologies, including AM, FM, XM and hybrid screen types. They offer advanced, unsurpassed accuracy and repeatability for the latest plate, can measure on Metal and Polyester Plates, Positive and Negative Plates, Paper.
- Their functions are measurement values Dot Area, Dot Size, Screen Suling, Screen Angle, RGB illumination, Plate Characteristic for a more detailed analysis of the screening.

IntelliTrax/EasyTrax

These state-of-the-art press-side automation solutions allow your press operators to deliver the highest level of consistency during expensive production runs. Take the guesswork out of color management with automated press-side color controls, driving costs out and bringing a higher level of quality to your work.

X-XRITE Handheld Spectrophotometers

- Xrite's newly handheld spectrophotometers designed to provide fast, precise color measurement information on a wide range of materials, such as paper, paint, plastics and textiles. Absolute and difference measurements are obtained for the following colorimetric systems: Dot Area, Dot Gain, Trapping, Hue Error/Grayness, CIE XYZ, CIE Yxy, CIE L*a*b*, Hunter Lab, CIE L*C*H*, CMC, CIE94, Whiteness and Yellowness per ASTM E313-98, Metamerism Index and DIN 6172 + AATCC Gray Scale.
- In addition, they can also combine with InkFormulation software and IGT Testing Systems to develop ink formulations.

SpectraLightQC & Judge QC.

SpectraLight QC Light Booth (Seven available light sources) and the Judge QC (Five available light sources) are visual color evaluation systems provide the closest fluorescent daylight simulation available today in a construction that will meet your needs. They combine exceptional versatility and quality and offers the best value where space is an important consideration when evaluating color quality and uniformity. Some standard light sources of them including Daylight, Incandescent "A", Horizon, three fluorescent and UV.