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Views expressed in this magazine are of the authors and not necessarily of the Delhi Printers' Association.

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- K&B appoints new sales and marketing director
- Kodak launches a new Thermal CTP for newspapers



Editor:
Veerendra Malik

Paper manufacturers have raised their product prices by an average 2.5 per cent across all segments for January, in order to pass on the increase in raw materials such as pulp and paper chemicals. This is the second price increase in three months after paper producers had, in November, reversed a one per cent price cut they had implemented in September. With the increase in dollar and fuel rates printers need to be cautioned for further escalations in the near future.

Philanthropy continues to be prime in the minds of DPA members. Printers' Day this year again was celebrated with the same spirit by offering meals and distributing books to about 800 children at, Arya Anathalaya, an orphanage in Delhi. The very fact that Executive Members themselves serve meals to the children is of how philanthropy is more than writing a check and a reminder that anyone, not just the wealthy, can make significant contributions to their community.

It is also the time of the year when a new team takes over at the helm of affairs of the Delhi Printers Association. Once again with a unanimous approval the new office bearers and the executive members were elected for the term of 2018-19.

Veerendra Malik



Associate Editor:
Sunil Jain

Friends,

Last month I got a chance to attend two events pertaining to our industry. Calendar launch by Galgo Paper and an Informal get together by Avantika Printers (P) Ltd.

At the calendar launch of Galgo Papers, I met the printers from all over Delhi-NCR. The new samples printed on the specialty papers marketed by KRAFTILE INTERNATIONAL were on display. Subodh and Sunit both deserve applause for taking specialty paper to new heights. Each one of the samples displayed were a master piece in their own way but an A2 size hard bound book for "TRUMP TOWERS" was the show stopper. This 274 page book was printed on 130gsm IRIS speciality paper. All the pages had a dense black ground, aqueous coated and pasted back weighed around 10 kgs. This book was printed and bound by LUSTRA PRESS, Bahadurgarh. LUSTRA team deserves an applause for the books.

At the informal gathering to celebrate 25 years of Avantika Printers (P) Ltd. I met printer friends from Okhla as well as entrepreneur from BNI fraternity. M. N. Pandey Ji has been a dear friend for the last two decades since we bumped into each other getting our jobs printed at AJANTA OFFSET, Wazirpur. Avantika team had also displayed a wide range of products printed and fabricated at their printing unit. The display showed that it is not just the heavy investment in press machinery but also pre-press and post-press with the combined skills and techniques of the family run show that has managed to create a niche space of his own in terms of quality and workmanship. His take on the price reduction war unleashed by the Nehru Place, Gole Market, Naraina print shop's is "SELL PRODUCT" and not PRINT to sustain and grow.

I hope my experience shared would help you in your quest for excellence.

Sunil Jain

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Friends,

The Indian economy has recovered from the disruptions caused by demonetisation of high value currency notes in November 2016 and the implementation of the unified Goods and Services Tax from July 1, 2017. The benefits of the first are generally debated for its pros and cons with varied views, but the second was due for long and has medium and long-term advantages. As expected, the Indian economy attained a growth of 7.2% during the quarter ended 31st December 2017 from 6.2% in the preceding quarter.

In the context of the encouraging trends impacting growth of the print business, we must take heart from the outcome of the recently concluded New Delhi World Book Fair, as organised by National Book Trust at Pragati Maidan on 6th January 2018. This year's annual Fair, with the topical theme 'Environment and Climate Change', not only attracted in the vast area of 30,000 sq. mts more than 800 publishers and 1500 stalls from 40 countries, but also a whopping footfall of 12 lakh visitors during the nine-day event.

Inaugurating the Fair the Human Resource Development Minister Mr. Prakash Javadekar stated that "Books belong to a different world that enriches human life. Books are as important as we require food to live and sleep to take rest. They help humans to develop and encompass all the knowledge." The Chairman of NBT Mr. Baldeo Bhai Sharma welcomed book lovers to the Maha Kumbh of books and announced that the Trust has not only published books in Sanskrit but also initiated a scheme called 'Har Haath Ek Kitab.' Dwelling on the theme of the Fair, distinguished environmentalist Ms Sunita Narain exhorted the need to reinvent ways to curb pollution and ensure clean environment to future generations.

As the Indian book market promises a considerable growth potential, the Ambassador of the Delegation of European Union to India Mr. Tomasz Kozlowski stated that interest among European publishers in the Indian market will continue to grow in the coming years. Though the use of e-books might revolutionise the book markets both in Europe and India, yet the growing Indian market will bring contemporary European literature even closer to Indian people.

If we take the huge success of the World Book Fair as an indication of the growing demand for printed books, the future of our print business appears quite bright.

Rajiv Gupta

Tiruppur's Spectra Prints installs six colour Speedmaster XL 75

Spectra Prints based in Tiruppur, Tamil Nadu, installed a brand new, fully-loaded, futuristic Heidelberg Speedmaster XL 75, with Prinect press centre, Intellistart and wall screen option.

"The investment in XL-75 strengthens our commitment to serve a diverse

client base across various verticals, as we explore a foray into overseas markets. We continue to rely on Heidelberg for quality printing equipment," Heidelberg will be our beacon, as we make progress in our chosen path and priorities," states Senthil Kumar, Managing

Partner - Spectra Prints.

The XL-75's make-ready can be as less as 2 minutes, with fully-automatic plate changes and the Intellistart2

The fully-automated Speedmaster XL 75 minimizes operational footsteps and cuts make-ready & setup times drastically. With production speeds of 15,000 sheets per hour, the Speedmaster XL 75 can handle tags, labels and cartons, and any substrate from lightweight paper to board, ranging from 0.0012 - 0.031 inches.

Saseendran Baskaran (GM - Press solutions) Heidelberg India, states, "The innovative Roller Check Assistant of the XL 75 reduces reviews and adjustment of rollers by 30%

vs. manual adjustment. The wash-up devices for blanket and impression cylinders reduce the consumption of washing fluid and wash-up cloth. The blanket and the impression cylinder are washed simultaneously in all units, thereby reducing wash-up times, as well. The wash-up device of the inking unit also works with reduced amount of water and washing fluid."

An offshoot of five-year old JGA Offset printing, Spectra specializes in carton printing and packaging. Spectra's parent firm JGA Offset Printing owns a Heidelberg SM 52 five-colour and a Heidelberg two-colour press to cater to the many garment firms in and around Tiruppur.



Bartaman orders a CROMOMAN 4-1 from manroland web systems

manroland has sold a three tower CROMOMAN 4-1 press to Bartaman, one of the leading Bengali language newspapers in Kolkata.

The press has been sold with a long-term Service Level Agreement and is the second CROMOMAN 4-1 to be installed in eastern India.

Speaking on the success, Sudeep Bhattacharjee, MD, manroland India stated: "This deal is very important for manroland web systems as it signals the entry of the Augsburg based behemoth into the flourishing Indian language newspaper market. This helps assuage the feeling that manroland web systems is an expensive piece of machinery, not suitable for the regional

newspaper market in India".

The CROMOMAN 4-1 has especially been designed for the requirements of the Indian market. It is a reliable, high speed, modular double width press that can cater to average run length between 250,000 – 400,000 copies per night, power fluctuations tolerance, fit into existing buildings, runs smoothly on Indian newsprint with no web severance. Requires no air conditioning and offers web width variability with ease of use and operation.

The press is capable of versatile printing possibilities such as 24-pages or 16-pages plus 8 pages. The press is also equipped with several automation systems.

The PECOM-X control system offers the best possible technology for easy operation and short make-ready and changeover times.

manroland web systems,

with offices in Delhi, Chennai and Bengaluru, has an installed base in India including 27 high speed newspaper presses and one commercial press.



At the contract signing (from left - Abhijeet Bhattacharjee, MD Bartaman, Amal Roy, Sr.Mgr Maintenance, Amit Roy, Finance Director, Subhojit Kr. Datta, AGM &CS, Subir Paul, GM Sales, manroland India, Sudeep Bhattacharjee, MD, manroland India.

Autoprint installs Checkmate Inspection System in Malaysia



Autoprint has supplied Checkmate 50 Inspection System to Suria Press (M) Sdn. Bhd. Malaysia a paper based packaging printing company.

Suria Press' top management visited Autoprint in India in November 2017 and were very impressed with Autoprint's Checkmate 50 Inspection machine and found it much superior in terms of quality checking and speed. The machine has a rigid body, with user-friendly and customized software. In addition, upon visiting Autoprint, Suria Press' team found a very supporting and knowledgeable sales and service staff.

The company started their printing business in 1979 focusing in commercial printing and slowly tapped into the packaging industry in mid 90's. The factory houses several state-of-the-art offset printing machines, die-cut machines, gluing machines, and various

coating machines to cater the needs of customers.

Committed to provide the best quality products and services to customers, which are chiefly in the pharmaceuticals & FMCG industries, the company has product quality and on-time delivery as their key focus. They had been looking for a machine that could help to find the defects and expedite their manual quality checking process since manual inspection could not provide 100% defect free cartons.

Autoprint Checkmate 50 provides defect free print products to the end customer with 100% accuracy. It can inspect print defects and foil errors. The machine segregates the good and defective sheets neatly into different stacks which can be further analysed to correct the previous process. It not only eliminates expensive manual labour but also enhances the checking speed and process.

Finnish firm Huhtamaki to acquire Ajanta Packaging

The Indian unit of Finnish packaging company Huhtamaki will acquire Ajanta Packaging (India) for Rs 100.3 crore (\$15.5 million) in an all-cash deal.

The entire business of Ajanta Packaging is acquired as a going concern on a slump sale basis, Huhtamaki PPL Ltd, the local division of the Finnish firm, said in a stock-exchange disclosure.

The acquisition will help Huhtamaki in consolidating its position in pressure sensitive label business, it said.

Ajanta Packaging, promoted by Sudhir and Chandan Khanna, manufactures pressure sensitive labels, baggage tags and security labels. It has manufacturing facilities at Daman and Baddi in Himachal Pradesh, according to its website. Its revenues stood at Rs 81.1 crore in the year through 31 March 2017.

Huhtamaki PPL, formerly known as The Paper Products Ltd, provides packaging solutions for labels, tube laminate webs, thermoformable laminates and promotional materials.

Chandan Khanna says, "this move will make the label market in India to grow in a healthy way. The expanded market reach and size of HPPL will help them serve the customers better with further enhancement on service quality. Moreover the enhanced capabilities will help them offer superior and innovative products."

The company has 15 manufacturing facilities in the country. Its clients include Britannia, Coca Cola, Ferrero, Glaxo Smithkline, Marico, Mondelez, Nestle, Pepsico, Procter & Gamble and Unilever.

Huhtamaki's income stood at Rs 564.94 crore and net profit was Rs 20.94 crore in the October-December quarter.



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Cosmo Films Commissions a New CPP line and a metalizer

Cosmo Films, a global leader in films for packaging, lamination and labeling applications has announced commissioning of its second Cast Polypropylene (CPP) Line and fourth metalizer, both having annual capacity of 7500 MT. With installation of these new lines, the company's annual CPP films capacity will go from 1800 MT to 9300 MT and the metalized films will increase from 15000 MT to 22,500 MT.

These new lines have been commissioned at company's existing facility at Karjan, near Vadodara, India which already houses BOPP lines, extrusion coating &



chemical coating lines and a metalizer. The 2.85 meter CPP line is five-layered and is designed to produce speciality films (especially barrier films) for various packaging applications. The line has the possibility to

have multilayer combinations. The new 2.85 meter metalizer is equipped with advanced control monitoring system and closed loop auto deposition control system. The facility at Karjan has been developed keeping

future expansions in mind.

Speaking on the development, Mr. Pankaj Poddar, CEO, Cosmo Films Ltd said, "Apart from being a focussed BOPP player over the years, we have made significant efforts in recent times to become a complete film solution provider with more and more films to offer along with various value added services. Moreover there has been a dearth of organised CPP players in the market and with the expansion of our capacity; we shall be better suited to serve our customers. The new lines are also expected to help increase the overall margins and volumes to some extent."

Shilp Gravure first in India to adopt KODAK FLEXCEL NX 5080 System

Shilp Gravure has become the first shop in India to adopt the KODAK FLEXCEL NX Wide 50x80 System. The investment in Kodak's FLEXCEL NX technology underpins Shilp Gravure's strategy and confidence in the system to help grow its flexography business.

Gajanan Bhavsar, Marketing Director at Shilp Gravures, explains how the company chose to invest in their new flexo plate-making setup; "The market and our customers demand higher levels of productivity and improved output. There is a realization that flexo quality today rivals gravure, while also reducing the number of colors on press. With the Flexcel NX System and plates, Kodak has better technology on offer and also

the capability of imaging a 50x80 flexo plate – a first for India, that enables us to efficiently make large-format plates. With this, we can also cater to the demands of corrugation industry. We have observed smoother vignettes and better solid ink density with Kodak's NX digital flexo plates, meaning we can use higher screens

and really bump up quality. Add to this enhanced ink transfer capacity and higher resolution with flat top dots, and we get a quality plate that allows for fine image reproduction that delivers superior output with today's new, high-tech CI and label presses."

"In the flexible converting space, the West of India has

been a sort of 'Silicon Valley' as more and more wide-web CI Flexo presses are installed. Hence, Shilp Gravure's choice of installing in a Wide 50x80 flexo platemaking system is apt to cater to the demand on these presses" says Abraham Prabhakar, Vice President for Flexographic Packaging Division, Kodak India.



Uflex – First glitter printing gravure cylinders in India

Uflex claims for itself, to be the first Indian company to manufacture glitter printing gravure cylinders on its direct laser engraving line.

Pigments of glitter inks are substantially bigger in size as compared to conventional gravure inks therefore rotogravure printing on substrates using glitter inks has always been a challenge for converters.

Talking about the newly developed g cylinder PK Agarwal, joint president cylinders business at Uflex Limited said: "The customisation of cell geometry of the rotogravure cylinder on our direct laser engraving line is the real innovation here. Pigments of the glitter ink have a tendency to get stuck inside the pits/ cells of the cylinder (cell filling). When the printing surface is sand-

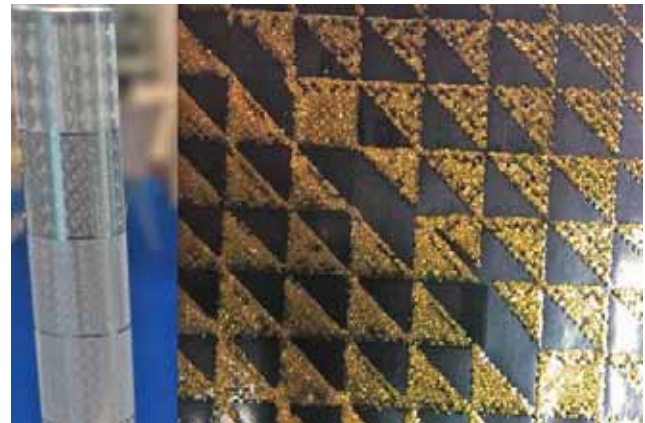
wiched between the impression roller and the gravure cylinder, the high solid contents of the glitter ink get transferred from recessed cells to the substrate with the help of capillary action and the tangential force of the roller."

Explaining further about the process PK Agarwal said: "Glitter inks unlike other conventional gravure inks do not possess self-curing properties. Therefore to enable quick and effective curing of the glitter ink we developed a light emitting diode (LED) curing system. The high solid content of the glitter ink on the substrate imparts superior tactile effect along with the shimmer enhancing the shelf impact of the pack." The specialty glitter ink has been manufactured for flexible substrates such as

paper and heat sensitive films and can be cured using LED lamps applied in-line with gravure printing process using solvent or water-based ink system.

Expressing delight over the innovative glitter printing solution, Mr. Ashok Chaturvedi, Chairman & Managing Director, Uflex Limited said, "Addressing a need-gap congruently is the

real contribution that the manufacturing industry can ever deliver. I am happy to state that living up to the ethos of being one stop solution for meeting all flexible packaging requirements, our Cylinders and Chemicals Businesses demonstrated perfect synergy and engineered the most contemporary and innovative glitter printing solution in record time delighting our clients."



Luster China Partners with Weldon for their inspection products

Luster LightTech Group China founded in June 1996 developer and innovator of independent technology for quality inspection via vision imaging, has partnered with Weldon Celloplast Limited New Delhi to promote sales of their products in India. Luster has been devoting themselves to three industries which are printing (label, flexible package, tobacco package, banknote printing), PCB and LCD industry. Luster provides flexible solutions for online and offline inspection and world class vision inspection products for packaging market such as flexible packaging, folding

cartons, tobacco industry and tipping paper. From printing, stamping, slitting to rewinding, it can be applied on the whole workflow to control quality during and after production. With real 100% printing defects inspection and quality management, their solutions

has proven to be effective in reducing labour cost and print waste, increasing productivity and efficiency.

New Delhi based Weldon Celloplast Ltd. is a total solutions provider to the label industry offering materials, tooling, dies, and

label printing, converting and finishing equipment. They represent leading international companies to bring value to their customers. Weldon's Managing Director Pawandeep Sahni says, "In these days of consumerism there is a pressing need for supplying labels and packing that are printed to perfection, thus it is a necessity for all leading printers to have inline or offline inspection capabilities' He further adds, "Luster is dedicated company, delivering the right product to help printers deliver the desired results with perfection".



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Komori Corporation establishes a strong foothold in Indian market with Komori India Pvt. Ltd.



Komori Corporation Ltd. announced the establishment of its India subsidiary, Komori India Pvt. Ltd. Earlier, the company was operating in India through its sole distributor Insight Group.

Komori will be operating out of Insight's new premises in Delhi/NCR and the two companies will continue to work closely on sales and servicing. Hirofumi Hoshino will be taking over as the managing director of the new venture and Sangam Khanna will head the sales and marketing function.

Komori Corp is presently in its 95th year (founded in October 1923). Komori is the second largest manufacturer of printing presses in the world and amongst the top 2 companies worldwide, who is involved with currency printing for many countries

including Indian Rupee and is undisputedly amongst the world's largest companies manufacturing offset presses for various applications of commercial printing like brochures, calendars, books, high-quality magazine publications and packaging printing like cosmetic boxes, liquor boxes, pharma boxes etc.

Hirofumi Hoshino, Managing Director, Komori India Pvt. Ltd. said "With the launch of India office, Komori aims to strengthen and enhance Komori's presence in India and nearby countries. We are very excited to start our India operations. With the India footprint, we'll be able to provide the world-class quality and strong support to aid the Indian market. We will use the best of global and local processes to

provide the highest value to our customers and maximize the customers benefit",

In a bid to have a strategic hold in the Indian market, the company will be introducing customized printing presses suitable for Indian market.

Komori's relationship with the Indian market began quite a while ago. The first Komori press for the Indian market was delivered in 1954. The machine exported was a full-size (37 inch/640 mm) single-color press equipped with a stream feeder.

With the acquisition of Insight's Komori division, Komori India will continue to retain all the employees of Insight in its new team and this will help in ensuring absolute continuity with the existing sales and service activities.

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Printers' Day Celebrated by DPA *- Philanthropy at an Orphanage*



One of the greatest inventions made in the history of mankind is known as Printing which spreads written knowledge and is used as the main tool for imparting education to one and all. To preserve the memory of Johannes Gutenberg, who invented the art of printing over six centuries ago and who is regarded as the Father of the Art of Printing, Delhi Printers' Association has been celebrating Printers' Day every year since 2004 by organising different types of philanthropic events for the under-privileged class of the society.

This year's Printers' Day was celebrated by DPA at the centrally located orphanage Arya Anathalaya by serving meals to nearly 800 inmate students. To mark the day, members of the executive body of DPA had assembled there for a brief function. The special guest of the occasion was

the politically and socially reputed celebrity Gauri Shanker Moondhra. He is not only a well known philanthropist and educationist but also holds the exalted position of General Secretary of the Ramjas Foundation which runs 16 schools and the famous Ramjas College in Delhi.

At close of school the students of Arya Anathalaya were served their mid-day meal by the chief guest along with the President of DPA Rajiv Gupta, his son Nikhil Gupta, Past Presidents, other office bearers and members of the Association.

As in previous years Atul Goel of Kaveri Printers and Treasurer DPA donated school textbooks which were distributed among needy students. DPA Executive Member Meghraj Bhatt of Choudhary Offset Process also donated books for distribution.



DPA elects new team of Office Bearers

The Annual General Meeting of Delhi Printers' Association was organised at Malaviya Smriti Bhawan on April 28, 2018. Rajiv Gupta, President, welcomed the members to the AGM and thanked them for the honour given and the confidence reposed in him and his colleagues in the executive body by unanimously electing them for the 2017-2018 term. He also thanked the members for extending their valuable cooperation which encouraged him and his team to achieve their targets.

Giving brief highlights of the main events organized by DPA during his tenure, Rajiv Gupta told that a Free General Health and Eye Check-up Camp was held on May 27, 2017, a Seminar on GST was conducted at Hindi Bhawan on July 6, 2017 and the annual Printers' Day was once again celebrated at Arya Anathalaya in Daryaganj on February 24, 2018. He expressed his gratitude not only to his colleague Office

Bearers, EC members and staff, but also to former Presidents for all their support, blessings and valuable guidance from time to time.

Presenting his annual report of the activities of the association during the year, the Hon. General Secretary Rajesh Sardana congratulated the President, Hon. General Secretary and the entire EC body for achieving the objectives of the association during their tenure and applauded in appreciation.

The Treasurer Mahinder Budhiraja presented the audited statement of accounts for the year 2016-2017 which were adopted unanimously.

Proposed revision of Annual Membership Subscription fee of DPA for all categories of members was discussed. In view of all-round inflation since 2011, when the subscription rates were last revised, the proposed revised rates had already been approved at the Executive

Committee Meeting held on 21.3.2018. The members found the new rates reasonable and acceptable and were approved unanimously.

Senior former President Vijay Mohan lauded the working of the outgoing executive committee under the dynamic leadership of Rajiv Gupta who ensured that the various events and the general day-to-day activities of the association were conducted highly smoothly and peacefully. Congratulating the newly-elected team under the stewardship of Rajesh Sardana he hoped that it will work with new zeal and vigour and will raise the benchmark achieved by his predecessors.

Giving a brief history of the six-year old court case, which Dalip Tuli had filed against DPA in 2012, former President Badri Kumar Singh stated that though the written final order was still awaited, the court has dismissed the case in favour of DPA. He said that the court stressed on its wise view that "Every member

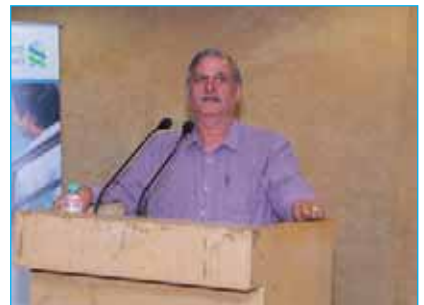
of an association should be fully loyal to it."

Raj Kumar Arya, Returning Officer for the Elections of DPA announced the results of the unanimous decision for the 2018-2019 term. Reading out the names of the newly elected members Arya congratulated them. The new team was then welcomed with garlands. In recognition of the outgoing President Rajiv Gupta's outstanding services to the printing fraternity, the newly-elected President Rajesh Sardana and senior former Presidents honoured him with a *shawl* and a memento.

The AGM was followed by a presentation made by a team of experts from Standard Chartered Bank, the main sponsor, who explained their schemes to the members for getting financial support for purchase of printing and allied machinery in order to upgrade their units. The other sponsor of the AGM was Aakarsh Industries.



Events



Rajesh Sardana, President

Rajesh Sardana, a graduate from Delhi University joined The Cambridge Press at the age of 18 years. His printing press is one of the oldest printing presses of India with its inception in the year 1925-1926.

Sardana is a philanthropic person who lends his money, his time and his energy to the not-so-fortunate kids of Jagriti the Banyan Tree School where these kids are taught the three basic R's of education - wRiting, Reading and aRithmetic along with internal and external hygiene! He has travelled around the world and is an avid vintage car collector and a rare bird photographer. He is also a Rotarian.

He is labelled as a trouble shooter as he finds a solution to any problem that crops up. This year DPA has donned him with the top position of President of their association. He has been the Vice-President (2016-2017), Hon. General Secretary (2017-2018) and has remained in the executive committee of the DPA since 2005-2006. He was also the Treasurer of the All India Federation of Master Printers in the year 2013-2014.

Any responsibility bestowed upon him is duly accepted with pride and all duties are performed by him with care and diligence.



Mahinder Budhiraja, Hon. General Secretary

With many feathers in his cap, the newly-elected Hon. General Secretary of Delhi Printers' Association for the year 2018-2019 Mahinder Budhiraja was born at Bathinda (Punjab) on 16.11.1955. He took his education in Delhi and entered the printing business by the name of Emkay Printers in 1975 and is being assisted by his son Anuj.

Ever since Budhiraja joined DPA he has been taking energetic participation in its activities by serving not only as Joint-Secretary, Vice-President and Treasurer, but also as Convener of association's annual Printers' Day as well as Free General Health and Eye Check-up camps from time to time.

With a bent of mind for social service Budhiraja has been serving the society by being on top posts of a number of such institutions. Serving at senior posts of Lion's Club International, he is presently the President of Lions Club Delhi West, Dist 321A3, District Governor of Alliance Clubs International and a PRO of North Multiple. He is Chief Patron of Kirti Nagar Residents Welfare Association (Regd.).

Budhiraja is also a Guinness World Record-holder magician. He is the General Secretary of The Indian Brotherhood of Magicians (Regd.) which he also helped win the Guinness World Record.



Kewal Krishan Singhal, Treasurer

Very few people have the knack for indulging in business as well as politics. The newly elected Treasurer Kewal Krishan Singhal is one such entrepreneur. He was born at Gwalior, MP on April 3, 1965 and graduated in Commerce from Delhi University. Though his father was a businessman of paints, Singhal displayed his aptitude for printing line and set up a company in the name of Santosh Offset in 1986. His press specializes in printing of quality mono and corrugated cartons. In order to expand his printing unit Singhal ventured into import and trading of printing and binding machinery under the name of Santosh Overseas. He is a man of drive and initiative and has been travelling abroad widely.

Being an enterprising member of Delhi Printers' Association for some years Kewal Krishan Singhal was inducted in its executive committee in the year 2000. Having served the association as Joint Secretary for two terms, Vice-President for three terms and Treasurer for 2016-2017 term, he was once again unanimously elected as Treasurer for the 2018-2019.

A social activist by nature Singhal dabbles in politics also. His dedication and futuristic vision in politics has got him due opportunities to serve on highly responsible posts in political organizations.



The Team for 2018-19

President:

Rajesh Sardana

Vice Presidents:

Ajay Sharma

Megraj Bhati

Prakash Dass

Hon. Genl. Secretary:

Mahinder Budhiraja

Joint Secretaries:

Atul Goel

Puneet Talwar

Executive Committee Members:

Ashok Aggarwal

Ashok Kumar Nandra

D.K. Vohra

Deepak Bhatia

M.N. Pandey

Mohd. Mustaqeem

P.K. Chauhan

P.N. Kapur

Prabir Mukherjee

Prashant Aggarwal

Raghu Nandan Sharma

Sandeep Aggarwal

Sanjay Sharma

Shiv Mittal

Simranjot Singh Bhatia

Sunil Jain

Vijay Goel

Vijay Jain

Vikas Gaur

Vivek Jain

Preventive Maintenance: *The Secret Ingredient for Success*



*About the Author:
Missy Null is a Marketing
Specialist at Mark Andy's global
headquarters in Saint Louis, MO.*

Imagine buying a brand-new car and never taking the time to get its oil changed, ultimately leading to the entire engine shutting down and having to be replaced. Something as simple and easy as getting a car inspected by a mechanic

every few months keeps it running for hundreds of thousands of miles.

The same concept applies to pressroom equipment. Investing in high quality machinery is essential to a company's success, but many business owners or

production managers fail to place the same level of importance on maintaining their machinery. Don't fall victim.

By making preventive maintenance a priority for pressroom equipment, you win big. Following are four

reasons how your printing operation can save time and money with reduced down-time and improved customer loyalty.

Extend the Life of Your Equipment

Preventive maintenance (PM) programs are designed to preserve and restore equipment reliability before the unit has the opportunity to fail. Not only does preventive maintenance extend the life of your asset, it enables higher degree of performance and premium quality output. Printing companies that take the time to maintain their equipment regularly ensure that they are getting the best performance possible out of their machines for as long as possible.

Reduce Downtime

Equipment performance goes hand-in-hand with profitability. If printing presses go down, so do incoming dollars that impact your bottom-line. The main goal of preventive maintenance is to avoid or mitigate the consequences of equipment failure. Incorporating PM activities into your workflow reduces the likelihood of extended downtime, meaning more rolls of finished product out the door. When presses are running efficiently and effectively, the more profit a company can make.

Enhance Customer Service and Reputation

PM initiatives support every converter's mission to provide customers with superior service. Many



customers are just as interested in the reliability of services as the quality of the product they are receiving. Regularly scheduled upkeep enhances equipment functionality and companies that practice it can offer their customers more reliable service. Consumers seek out and stay loyal to companies that can provide them with quality products and reliable service. Businesses who realize this are the well-positioned for growth.

Plan for Future Part Replacements

When companies plan for equipment to be serviced at specified periods of time, employees can record equipment deterioration. If there are issues, the parts of the press in question can then be replaced *before* they cause a system failure. Understanding when a part needs to be replaced enables better forecasting expenses and minimizes the risk of surprise expenses in the future. When

it is time to replace a part, replacing with an OEM part will guarantee the best performance out of your machine. This saves a company a great deal of money and hassle.

Final Thoughts

Investing a small amount of money and time into regularly scheduled preventive maintenance on equipment now, can save the company from massive amounts of time and money lost in the future.





LABELEXPO INDIA IS THE LARGEST EVENT FOR THE LABEL AND PACKAGE PRINTING INDUSTRY IN SOUTH ASIA

The next edition of Labelexpo India will take place from the 22 - 25 November 2018 at India Expo Centre & Mart (*Greater Noida*)

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Loparex India Pvt. Ltd

FOR MORE INFORMATION CONTACT:

Pradeep Saroha, Country Manager, Labelexpo Global Series

Email: psaroha@labelexpo.com

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Label Waste: *The Pain Area for Label Manufacturers*

In the process of manufacturing the self-Adhesive labels, two kinds of waste material get generated. Set up waste & Waste Matrix during the inspection of the rejected labels. The self-Adhesive label stock consists of 3 layers: Face Stock, Adhesive & Release liner of the face stock. The adhesive are of different types or grades like Rubber based acrylic, silicon etc. The Release liner of Face Stock may also be either of paper or films –PP, PE, PET vinyl etc. They are mainly silicon coated paper or films.

The pain area for label manufacturers is the

disposal of the waste material as these are non-Biodegradable. As the focus is more inclined on the waste disposal by our customers & their third party audits, we have to follow certain guidelines for waste disposals. To extend our support to Mother Earth we do not send the waste material to land fill sites and pay approximately Rs.16/- per kg. for incineration, approved by pollution control Board. As this practice is fairly new we don't get the price increase for the labels despite of paying extra for the waste disposal on the behalf of customer and for

customer retention we have to bear the cost. This reduces profit margins and industry suffers.

Association of Label Printers and Suppliers, 'ALPS', New Delhi, on the occasion of Earth Day and on 48th Anniversary of Earth Month has announced a programme "Waste to wealth".

ALPS President, Mr. Gururaj Ballarwad said, we have studied how to manage the waste and earn from it. We have consulted our label stock suppliers in India as well as many associations actively working in Europe. We have decided to start common facility centers to manage waste initially in Delhi, Mumbai, Bangalore & Chennai. Further we will take it forward to other cities where more than 20 members exist. The participating members with allotted stock quantity will send it either at cost or F.C. The association will charge for the electricity, manpower and for the place which will either be constructed or on the rent from the members.

The waste will be shred-



ded, grinded followed by pressing & bailing. Once the process is over it will be sent out to the power plants, cement industry or anywhere where the heat requirement is more the 1100 Degree centigrade. We can sell this at price 'X' plus the transportation.

Mr. Ballarwad also said, the desired help is sought from the Government for the building & for the machinery. The desired approval by the PCBS power ministry & Industry Ministry is also needed.

Courtesy: Association of Label Printers and Suppliers



Tolerancing

Part 1: The History of Color Analysis

To control color, you need to be able to compare very small differences, determine their impact, and understand how to address that impact. But words alone can't give us enough information to precisely describe colors, or the difference between them. In this three-part series we will look at the color science behind tolerancing – the color analysis that paved the way, the role of light, and the difference between a color space and a color model – so you can make the best tolerancing decisions for your business.

Munsell Color System

Albert Munsell was the first to establish an objective model of color communication. In fact, his empirical analysis of color organization from the late 1800s is the foundation of all modern color coordinate systems.

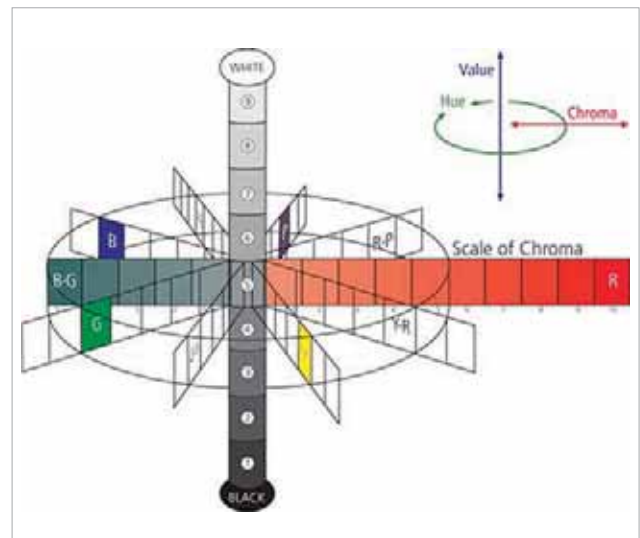
Munsell was a professor and an artist who noticed the colors he painted under sunlight didn't match the colors he painted in the

evening under lamplight. To help explain this phenomenon, he worked out a three-dimensional numerical system. The Munsell Color System, which we still use today, describes color using hue, value, and chroma.

Hue determines the color family. Munsell started with the main hues – red, blue, and yellow – then mixed them in various amounts to account for the subtle hue differences as each color blends together. He then assigned numbers to each one.



Value describes the color's darkness or lightness. While this terminology is rarely used today, the concept of lightness as a separate attribute of color



remains central to all color coordinate methods – light blues and dark blues, light greens and dark greens, etc. To indicate the darkness or lightness of a color, Munsell assigned numbers ranging from 0-10 (10 is white and 0 is black).

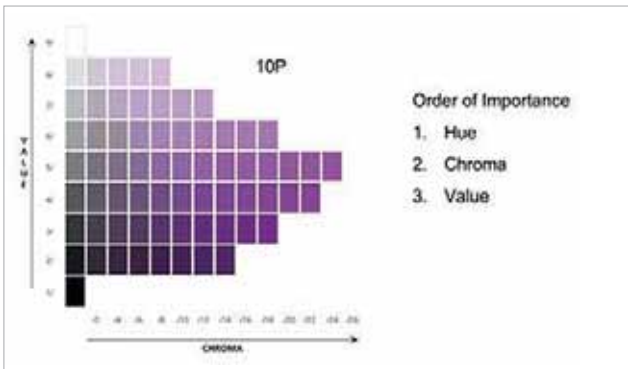
Chroma describes the strength or saturation of a color. A color with high chroma will appear pure and strong. A color with low chroma will be muddy and gray.

Munsell hand painted chips and arranged them to create a 3D model of color. The hues are located around the central axis. Value moves from light to dark down the axis, while chroma increases as it moves away from the axis.

Munsell Notation H V / C

He also bound them in the Munsell Book of Color as a structured, organized set of colors that (theoretically) contains all color possibili-

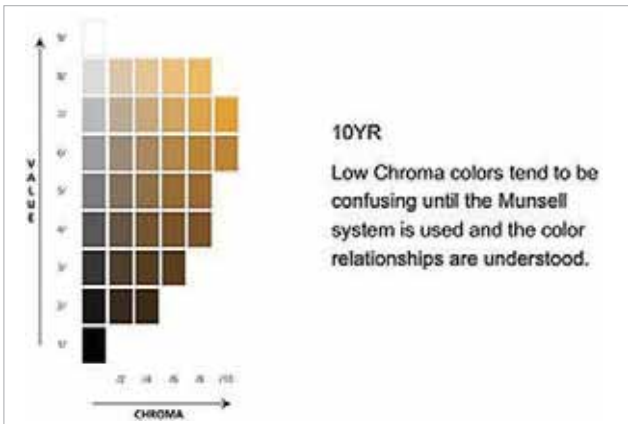
ties. This page shows the different values and chroma of the 10P Purple Blue Family. The shades are clearly grouped by their major hue. As the color changes in lightness (value) and color strength (chroma) from lower left to upper right, the family (purple-blue) remains constant.



Here is 10YR Yellow Red Family. When you compare these two families, you can see the purple family is “fatter” near the middle of the value scale. While this is partially due to our ability to see color, it is more related to the availability of real, physical colorants.

12) has the following attributes: Hue (H): 5R Value (V): 4 Chroma (C): 12.

Munsell’s color system has been widely accepted and utilized. In fact, today’s color measurement software and instrumentation use hue, value, and lightness to calculate and compare the



With Munsell’s Notation H V / C ordering system, you can clearly identify and communicate colors. For example, this swatch (5R 4/

spectral values of color. He was ahead of his time and made a lasting contribution to the field of color analysis. Have you ever bought

something at the store, only to return home and realize it doesn’t match anything in your house? It’s not the color that changed. It’s the way you perceived it.

To control color, you need to be able to compare very small differences, determine their impact and understand how to address that impact. In this three-part series, we’re looking at the key components of tolerancing. If you missed part one, The History of Color Analysis, check it out now. Today’s topic explains how light affects the color we see and the importance of controlled lighting for a successful tolerancing program.

Color is light and light is energy

There are many different types of light, and each distributes energy in a different fashion. Our perception of color is strongly affected by the type of light that falls upon an object. But it’s actually much more complex than that. Not all light is the same. Daylight, moonlight, fluorescent, flashlight – they all illuminate objects differently.

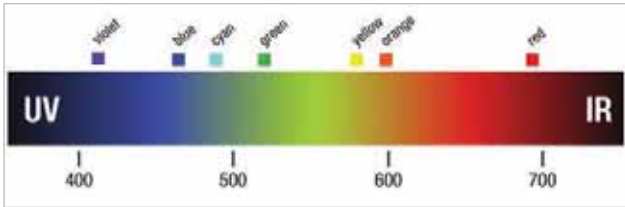
To establish a good tolerancing program, you need to understand the role of light in color.

In 1670, Sir Isaac Newton performed an experiment that put the phenomenon of color into words. He hung a prism in a dark room then introduced sunlight through a small slit. As the light passed through the triangular piece of glass, he observed that it refracted into a series of colors upon the wall: a rainbow. The prism bent the individual components of white light so they could each become visible.

From this experiment, Newton theorized that white light is actually made up of many different types of light: red, orange, yellow, green, blue, indigo, violet. He was right.

Light produces electromagnetic energy with many different wavelengths. At the short end – 400 nanometers – light is violet. As the wavelength becomes longer, up toward 700 nanometers, the light passes from blue, to green... yellow to orange and red. Newton proved that white light isn’t white at all. It’s actually comprised of all the different types of light... Electromagnetic energy in intervals between 400 and 700 nanometers.

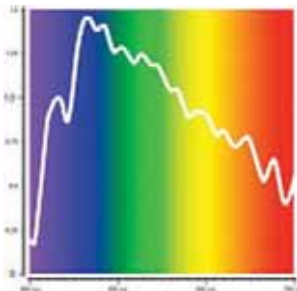




Light Sources

In Newton's day, the only light sources were natural... sunlight, moonlight, starlight, or candlelight. Today we have a lot more choices. Incandescent, Fluorescent, LED... each generates energy at different places within the visible spectrum, producing different colors of light. The relative amount of energy at each wavelength differs with each light source.

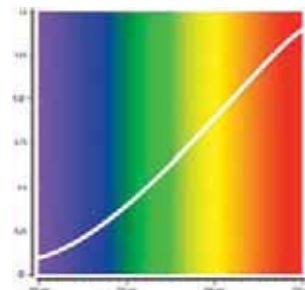
Illuminant D65 (Daylight)



This is the electromagnetic energy of Illuminant D65... also known as daylight. On the Kelvin scale, its temperature is 6500. As you can see, there's very little violet energy on the left side of the spectrum. Daylight peaks in the blue portion, then continues to decline down to 700 nanometers, where there's very little red energy. But daylight changes. D65 describes noon daylight, where the sun is hiding behind a building, and everything appears bluer because the blue canopy of the sky is providing illumina-

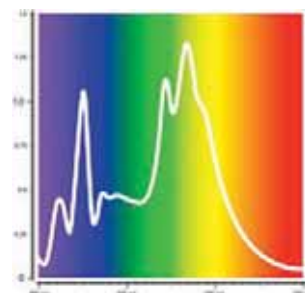
tion. D75 is a little bluer in shade, and horizon is the reddest of all.

Illuminant A (Incandescent) 2856 K



This is illuminant A, which we know as incandescent. A tungsten lamp burns at about 2800 Kelvin. It has very little energy in the violet or blue wavelengths, but the energy continues to increase at almost a constant slope to 700 nanometers, which is an abundance of red. While objects that are illuminated by daylight appear bluish, they'll shift toward red under incandescent lighting.

Illuminant F2 (Cool White Fluorescent) 4100K



A fluorescent bulb, Illuminant F2, has a color temperature of 4100 Kelvin.

Cool white fluorescent falls between blue daylight and red incandescent with predominance in greenish yellow and weakness in violet, blue, and red. The spikes are mercury vapor emissions, part of the bulb's design. These spikes cause havoc when judging color under a fluorescent light source.

Common Light Sources

Here's a visualization of just how much the temperature of light affects what we see. This viewing booth is illuminating the same scene with different light sources.

In the first image, incan-



descent light ramps up the red. The middle image is taken under fluorescent lighting, weak in blue AND red with a predominance in green. The daylight in the last image produces blue energy, which causes the objects to take on a bluish shade.

As an object interacts with light, it can only reflect the light that exists. Objects don't create light; they

reflect the light that comes from the source. So as the source changes, so does the reflection (and color) we see from the object.

Critical Takeaways for Tolerancing

- When comparing colors, you must be aware of (and in control of) your light source.
- Typically, most industries specify the standard light under which materials should be viewed. Be sure you ask which light source to use, or use the standard lighting for your industry if you're not sure.

- To measure and evaluate color under the same illuminant, you must select the same illuminant in your spectrophotometer, tolerancing software, and light booth for consistency.
- Communicate with your suppliers and customers to ensure they are following the same lighting procedures.

Courtesy: XRite

Reminder for Annual Subscriptions

Members of the DPA, who have not paid their subscription dues for the year 2017-18 are requested to do so urgently. Members who's dues are pending for the year 2016-17 are reminded that non-payment of dues for two consecutive years will result in termination of membership of the Association.

In case members want to avail of Life Membership they can do so by a one time payment of an amount of ten years subscription and avoid any increase in subscription at a later date.

manroland and Goss web offset systems intend to combine

Goss International's printing press business and manroland web systems, both manufacturers and service providers of web offset printing systems for newspapers, commercial products and packaging, are planning to combine their complementary businesses.



The combined company will benefit from the companies' complementary geographic footprints, create extensive synergies, ensure long-term viability, and provide value-oriented solutions, especially in the area of aftermarket services. In the future, the new entity will be a strong business partner to all international web printers. Subject to regulatory approval, the merger is expected to be completed by the middle of 2018. The Contiweb business of Goss International is not included in this transaction (see below for additional details on Contiweb).

Alexander Wasserman, CEO of manroland says, "manroland is on the path for continued success. We want to continue to develop this path by creating synergies, fostering the further development of our R&D activities and strengthening our innovation focus. Our customers will be able to choose from a wider portfolio of products and services."

Mohit Uberoi, CEO of Goss says, "This combination will enable us to achieve extensive synergies that will help us optimally serve our customers into the future. The combination will strive to provide a best-in-class product offering and customer service."

Bert Schoonderbeek, managing director at Contiweb says, "We will continue to build upon our successful relationship with both Goss and manroland and are looking forward to continuing the cooperation as a strong partner of the combined company as we pursue other diversification opportunities. Contiweb's separation marks a new era for further growth of the company."

Goss and manroland say the combination would not impact any current business of both companies.



Muller Martini buys Kolbus perfect bookbinding business

Muller Martini has announced that it has taken over the perfect binding and bookline business from Kolbus. This includes the service and spare parts business for all of Kolbus' bookbinding systems installed worldwide. Kolbus will set its focus on the packaging and casemaking business, parts manufacturing and the foundry business.

"Structural change has changed the graphic arts industry in recent years and our market has become much smaller and versatile at once," says Bruno Müller, CEO of Muller Martini.

"Customers need innovations on a regular basis, which have to be financed with lower sales quantities. Above all, our customers benefit from the efficiency gains bringing together the bookbinding activities."

The changes in the market

are directly affecting Muller Martini's customers, which are faced with new business models like digitization. By combining the potentials for success like personnel, know-how, technology and infrastructure of the two companies, Muller Martini can provide the market with innovative solutions in the long term.

"This secures the future of the softcover and hardcover business of both the customers and the two machine manufacturers - and thus also jobs in the graphic arts industry," Bruno Müller explains.

The Kolbus perfect binding and book line business, based at Rahden in Germany, and intellectual property will be transferred to Muller Martini Buchbinde-Systeme, a new business unit formed at the site that will be integrated into the Muller Martini group.



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Kodak and Uteco Group launch Sapphire EVO hybrid press for Flexible Packaging

Uteco Group, in partnership with Kodak, announced the commercial availability of the Sapphire EVO digital press. Allowing packaging service providers and converters a digital offering without compromising on productivity or economics, the press addresses a full range of low and high-volume applications that produce up to 20 million square meters per year.

Aldo Peretti, CEO of the Uteco Group, comments: "Our customers have been asking for a digital production solution that meets their customer demand for more versions, which is driving shorter run lengths, as well as an economic long-run digital solution. Uteco's rich experience in flexo and gravure printing, film handling, coating and drying, coupled with Kodak's inkjet expertise, now allows us to deliver a device that combines the capabilities of flexo with digital."

Stefano Russo, COO of the Uteco Group, adds: "As the demand for mass versioning and customization of packaging grows globally, hybrid flexo, gravure and

digital printing is becoming a very important part of packaging providers' offerings. The combination of Uteco and Kodak's technologies not only delivers a competitive option for digital short-run printing, but also competes in medium-long print runs. This makes the Sapphire EVO an ideal investment for both label and packaging print service providers."

The Sapphire EVO brings digital printing to the production floor with capabilities of printing over 9,000 linear meters per hour, with compelling economics. Utilising KODAK Stream Inkjet Technology, it delivers excellent print quality on a variety of packaging films and papers. The Sapphire EVO uses media up to 650 mm in width and prints at up to 622mm and offers CMYK printing as well as options for in-line priming and varnishing.

Using environmentally friendly water-based inks to print on a variety of flexible substrates, including BOPP, PET and paper,

Kodak's inks and pre-coating fluids used with the Sapphire EVO complies with regulatory requirements for indirect food contact in the EU and the US, as well as brand specific requirements and the EuPIA exclusion list.

Randy Vandagriff, President and Corporate Vice President, Enterprise Inkjet Systems Division, Kodak, adds: "Kodak's 50-year heritage has delivered the quality, capabilities and cost effectiveness that the commercial print and publishing industry have enjoyed with our PROSPER Press systems. We are excited to take it further with economical water based inks on flexible films at production speeds. It is great to be working with a partner like Uteco to combine their exceptional expertise with ours to deliver a high-end digital production device that offers new opportunities for the flexible packaging industry".

Sold worldwide, the Uteco Group will begin installation of the first unit in June 2018 at an Italian flexible packaging producer for the industrial and fashion industries.



Mark Andy acquires Presstek

Mark Andy, the Total Solutions Partner to the label and packaging industry, today announced its acquisition of Presstek, a well-known global supplier of DI® (direct imaging) offset plates and presses, CTP solutions and world-class service for commercial and in-plant customers.

With the Presstek acquisition, Mark Andy now serves as one of the only full-complement solutions providers to the global graphic arts and print industry.

Kevin Wilken, CEO, Mark Andy, commented, "Presstek has been a force in the small and medium format offset segment for many years. Presstek's DI® plates and equipment and CTP solutions are well-respected throughout the industry, and I am happy to welcome the Presstek employees and products into the Mark Andy family. We expect Presstek's customers to benefit from Mark Andy's stable leadership, tremendous customer service and unmatched product offerings, including MAPP offset print supplies and consumables and Mark Andy digital print equipment."

OMET appoints Paolo Grasso as Head of Sales - Labels Business Unit

OMET Group has appointed Paolo Grasso as Head of Sales - OMET Labels Business Unit. In his new role he will lead the global sales team, agents and distributor network of the Label Business Unit, supporting them closely to further enhance the sales and market response.



On accepting his new role, Grasso mentioned, "I'm proud of the trust OMET management has bestowed on me and will continue to work towards the company's uninterrupted growth and success. It's my great honour, as I feel the label industry deserves greater attention, seen the continuous trend of changes and innovations it is going through".

In his 14 years of cooperation with OMET Italy as area sales manager (Asia and ME), Grasso has been instrumental in establishing a strong base of clients and installations in one of the toughest but yet growing regions of the world. Seeing his ability to lead OMET to new and challenging territories OMET top management has appointed him the new role.

Award for Claus Bolza-Schünemann

The Friedrich-Koenig medal was awarded to Claus Bolza-Schünemann, CEO of printing equipment manufacturer Koenig & Bauer, on April 19, 2018. He was presented with the award during the general assembly of the German Association of Printing and Paper Technology within the German Mechanical Engineering Association (VDMA) held in Fürth.



Inaugurated in 1953 in memory of the inventor of the printing press Friedrich Koenig (1774-1833), the Friedrich-Koenig medal is awarded for outstanding services to the press manufacturing industry. The Friedrich-Koenig medal honours leading figures in the printing industry for their services to research and education in the press manufacturing industry. It is awarded in recognition of services in the technical development of printing press construction and rationalisation in German printing press manufacture.

The committee selecting the recipient of the Friedrich-Koenig medal includes, amongst others, the General Manager of FGD - the Research Association Printing Machines.

New air-cooled LED curing unit from ITL

Integration Technology, also known as iTL, has announced a new air-cooled LED unit, VZX, which produces 22W/cm² dose of UV output and promises the sort of performance normally only possible with water-cooled systems.

The VZX unit is a variant of the existing VZ series of compact high output UV lamps for the inkjet market. It is designed for use with high speed single pass applications in inkjet, flexo and web printing. It uses ITL's XT8 module, a hybrid semiconductor technology that promises high-performing thermal properties and increases UV output by 30 percent more



than traditional LED options, and without needing additional driver current. It should be good for a very long service life of over 50,000 hours and comes with a five year warranty.

It works with iTL's VARICool air cooling system that can

handle working environments up to 45°C. It's a closed loop electronic system that automatically adjusts the cooling to individual segments within the total length of the LED array depending upon both the ambient temperature and working duty cycle. This avoids start up spikes and provides more consistent output. It's also said to be much quieter than competing products.

Integration Technology is itself a subsidiary of the German IST Metz Group, which produces various curing solutions, with iTL concentrating mainly on LED curing for digital printing.

Your response to



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comments
and expectations
from the magazine

info@sumipublications.com

Another 'remarkably successful year' for Langley Holdings

In the recently published Annual Report & Accounts for the year ended 31 December, 2017, the group's chairman, Tony Langley, said in his review of the business that 2017 had been "...another remarkably successful year" with underlying profits before tax up by 7% on the previous year, making 2017 another record year for the group.

The reported profit before tax for 2017 was €111.8 million versus €122.7 million in 2016. However, adjusting for



currency effects when translating the group's cash to euro values at the year ends, 2016 was €113.1 million versus €120.8 million for 2017.

Revenues were almost flat at €903.5 million (2016: €900.9 million) The group's Piller and ARO divisions both recorded record revenue and profit years, but Claudius Peters missed its

target and Manroland, although profitable and having returned the group's investment in the printing machine builder, was "below par" with its contribution.

Other Businesses performed profitably, in line with expectations and Langley announced that the group is partnering Sir Ben Ainslie's Land Rover BAR challenge for the 36th Americas Cup.

The group made one small acquisition during the period and Active Power, acquired in November 2016, made a profit for the first time since the former NASDAQ businesses' IPO in 2001.

In his concluding remarks, Langley says that the group is continuing to seek out further acquisition opportunities to develop the group further for the long term.

John O'Grady is new President of Print Systems Division at Kodak

Eastman Kodak Company announced John O'Grady, current President of the Consumer and Film Division and former General Manager of World Wide Sales for Print Systems Division, will become President of the Print Systems Division effective April 24, 2018.



O'Grady will replace Brad Kruchten who is retiring after 36 years with Kodak. "Brad has been an important part of our company for many years, and I thank him for his tremendous commitment to Kodak and outstanding accomplishments," said Jeff Clarke, CEO Kodak. "John O'Grady is very well positioned to lead the Print Systems Division. His industry experience is unparalleled."

Commenting on his new role O'Grady said, "It's difficult to follow a leader like Brad Kruchten, but he's built an all-star team and I look forward to working with them as we continue to deliver world-class commercial printing solutions. With new products in our portfolio like our SONORA X plates and the NEXFINITY electrophotographic press, we are poised to thrive globally."

Kruchten added "Throughout my career at Kodak, I've had the pleasure of working with scores of fantastic, talented people. We've accomplished so much together, and I wish my Kodak family the very best moving forward."

K&B appoints new sales and marketing director

Stefano Squarcina, has been appointed sales and marketing director at KBA-Flexotecnica. With the latest expansion of its sales capacities, the Koenig & Bauer Group has added momentum to its course of sustainable growth in the market for flexible packaging. "KBA-Flexotecnica holds enormous potential. We have seen a very successful start to 2018 and have already sold significantly more CI flexo presses than in the same period last year. We are able

to offer customers a modern and comprehensive product portfolio," says Stefano Squarcina.

The cooperation between the group business units Flexotecnica and Digital & Web Solutions was intensified further last year. Koenig & Bauer executive board member Christoph Müller said, "We have integrated our sales channels wherever possible and can now reap the benefits. At the same time, our service teams are working together ever more

closely to offer our customers the best possible performance and results."

Many services which are already being successfully realized on the web offset market can also be offered by KBA-Flexotecnica in future. The use of augmented reality, enables faults to be identified and rectified faster. With the AR-DataGlass, Koenig & Bauer specialists are able to see and follow the actions of the technicians on site in real time while they work on the press and can thus offer



targeted support. The real and virtual worlds blend into one, and intervention times are reduced significantly. "Flexotecnica is also introducing the concept of modular service contracts to enable customers to tailor services as per their individual needs," says Christoph Müller.

Kodak launches a new Thermal CTP for newspapers

Newspaper publishing is no longer just about printing the news as quickly and cheaply as possible, and publishers know that thermal is the way to go to attract readers and advertisers with consistent, high-quality print and eye-catching colors. Excellent color and print quality, stable and precise imaging,

true process free plate making, these are some of the reasons that newspaper printers choose thermal imaging to make their plates.

However, keeping costs low is critical to be competitive, and it's hard to break away from the traditional mentality of choosing the cheapest solution.

With these features in mind Kodak is introducing the new ACHIEVE NEWS Platesetter for thermal imaging at an affordable cost. Available now worldwide, the new platesetter delivers the stability and reliability of Kodak's thermal CTP technology at a lower price point than other



thermal CTP devices.

The ACHIEVE NEWS Platesetter is available with a full range of automation options, from semiautomatic to the new Multi-Cassette Unit, and a choice of throughput options, so newspapers can customize a solution to meet the needs of their business and keep costs low.

ACHIEVE NEWS Platesetters are also fully compatible with KODAK SONORA NEWS Process Free Plates, allowing newspapers to eliminate the cost and environmental impact of platemaking and removing the need for processing equipment. The platesetters also use only 400 watts of power while imaging, helping reduce energy costs, and they have an extremely small footprint.

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Fujifilm Launches ultra-high quality, super-wide Acuity Ultra platform

Fujifilm today announces the European launch of a new super-wide format platform called the Acuity Ultra, with its first showcase being on Fujifilm stand D50, Hall 2.2 at the FESPA Global Print Expo 2018 in Berlin in May. Representing the culmination of extensive market research to understand the needs of super-wide format producers today and the challenges they will face tomorrow, this latest addition to the Fujifilm Acuity range is unlike anything currently available on the market. It forms a key part of Fujifilm's industrial strategy, offering increased size and quality to make the production of high-end interior graphics much more profitable. Built around Fujifilm's UV cured inkjet technologies, it offers almost photographic levels of quality with tighter registration and higher production speeds, at a cost that is set to shake up the super-wide format marketplace.

Available in 5 metre and 3.2 metre models, the Acuity Ultra is available with up to eight colour channels, using a new, high-quality, low film weight Uvijet GS Fujifilm ink. GREENGUARD approved, this ink has been especially designed to deliver the highest quality and is fully emission-compliant for interior graphic display work.

Event Watch



Digital Print for Packaging US 2018*

4-6 June
Chicago, IL, USA
Contact:
Melissa Adams
Smithers Pira
425 West Market St.
Akron, OH 44303
Tel: +1 (330) 762-7441 ext.1209
Email: madams@smithers.com
Website: www.printfutures.com/us-event



Asian Paper 2018

The Premier Exhibition and Conference for the International Tissue and Paper Industries
6-8 June
Bangkok, Thailand
Contact:
UBM ASIA (Thailand) Co Ltd.
503/23 K.S.L. Tower
14th Floor Sri Ayuthaya Road
Kwaeng Thanon Phayathai
Khet Rajathewe, Bangkok 10400, Thailand
Tel.: +66 0 2642 6911
Fax: +66 0 2642 6919-20
Email: asianpaper-sg@ubm.com
Website: www.asianpapershow.com



Tissue World 2018

The Premier Exhibition and Conference for the International Tissue and Paper Industries
6-8 June
Bangkok, Thailand
Contact:
UBM ASIA (Thailand) Co Ltd.
503/23 K.S.L. Tower
14th Floor Sri Ayuthaya Road
Kwaeng Thanon Phayathai
Khet Rajathewe, Bangkok 10400, Thailand
Tel.: +66 0 2642 6911
Fax: +66 0 2642 6919-20
Email: info@tissueworld.com
Website: www.tissueworld.com



European Label Forum

Self-adhesive labels and their future vs alternative technologies
6-8 June
Dublin, Ireland
Contact:
Laan Copes van Cattenburch
79 2585 EW The Hague, PO. Box 85612
2508 CH The Hague, The Netherlands
Tel.: +31-70-3123910
Fax: +31-70-3636348
Email: info@finat.com
Website: www.finat.com



World News Media Congress*

World Newspaper Congress and World Editors Forum
6-8 June
Estoril, Cascais, Portugal
Contact:
Wan-Ifra South Asia
III Floor, SIET Administration Bldg.
54 K B Dasan Road
Chennai, 600 018, India
Tel.: +91.44.42112893
Fax: +91.44.2435.9744
Email: infoindia@wan-ifra.org
Website: www.events.wan-ifra.org/events/70th-world-news-media-congress-25th-world-editors-forum



PePcon 2018

Print + Digital Publishing + the Future of Design Conference
6-8 June
New Orleans, USA
Contact:
PePcon 2015
4122 N Lawndale Ave
Chicago, IL 60618
Tel.: +1-206-935-6135
Fax: +1-206-299-3086
email: info@pepcon.com
Website: www.pepcon.com



PrintExpo 2018

International exhibition on Packaging and processing
8-10 June
Chennai, India
Contact:
Intel Trade Fairs & Expositions P Ltd.
113, New Sonal Link Industrial Estate,
Building No.2, Link Road, Malad (W),
Mumbai - 400 064.
Tel.: +91-22-28803977, 28803978
Email: info@intelepco.com
Website: www.intelepco.com/PrintExpo/



Inside 3D Printing

Strategies for the 3D ecosystem
11-12 June
Sao Paulo, Brasil
Contact:
Rising Media, Inc.
211 E. Victoria Street, Suite E
Santa Barbara, CA 93101, USA
Tel.: 646 397-4992
Fax: +1 (916) 314 9080
Email: events@risingmedia.com
Website: www.inside3dprintingbrasil.com.br/2018/?lang=en



HSP Latin America 2018*

Annual event that focuses on government-specified and issued documents
11-13 June
Dominican Republic
Contact:
Reconnaissance International
4 Windmill Business Village
Brooklands Close,
Sunbury-on-Thames,
Surrey, UK
Tel.: +44 (0)1932 785 680
Fax: +44 (0)1932 780 790
Email: events@reconnaissance-intl.com
Website: www.hsp-europe.com



Dscope EMEA 2018

Digital Solutions Cooperative. A cooperative of Indigo users and HP
13-15 June
Vienna, Austria
Contact:
Dscope
Natalia Skwarek
Dscope EMEA Community Manager
Tel.: +34 637 514 499
Email: nskwarek@dscope.org
Website: www.dscopeemea.org/



Paper Vietnam 2018

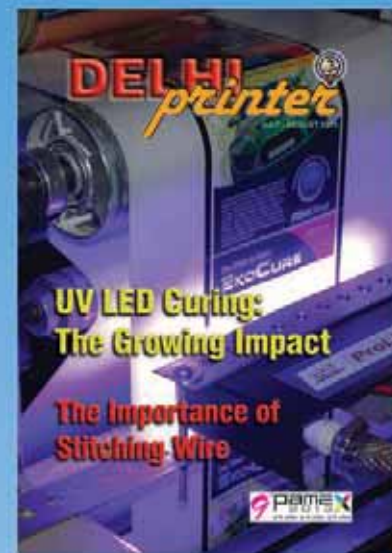
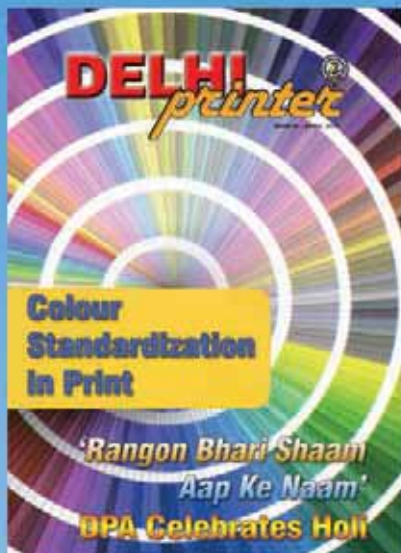
International Exhibition on Pulp and Paper Industry
13-15 June
Ho Chi Minh City, Vietnam
Contact:
China National Chemical Information Centre
Shirley Abraham
Tel: +91 44 4200 9272
Mob: +91 98 406 41101
Email : shirley@cncitradeexpo.com
Website: www.pct-vn.com



Compack 2018

India's premier packaging expo
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Chennai, India.
Contact:
Smart Expos & Fairs India Pvt Ltd.
No. 116, Mount Road,
Near Hotel Zen Garden,
Guindy,
Chennai 600 032,
India
Tel: +91 44 22501986
Email: compackexpo@smartexpos.in
Website: www.compackexpo.com/india/

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- Production managers within publishers needing a basic understanding of the capabilities of print
- Commercial print buyers, Government agencies.

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| <input type="checkbox"/> Printer - Digital | <input type="checkbox"/> Government Organisation |
| <input type="checkbox"/> Quick Printer | <input type="checkbox"/> Advertising Agency |
| <input type="checkbox"/> Newspaper Organisation | <input type="checkbox"/> Media |
| <input type="checkbox"/> Publisher | <input type="checkbox"/> Freelancer |
| <input type="checkbox"/> Packaging Unit | <input type="checkbox"/> Educational Institution |
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