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05

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INDONESIA



Grand Opening SANSIN INDONESIA Divisi Corrugated

POST SHOW REPORT
PACKPRINT INTERNATIONAL 2023

PRE SHOW REPORT
ALLPRINT INDONESIA
EXPO 2023

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oleh SANSIN

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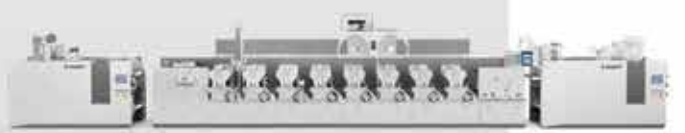
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Agile Entrepreneur Dscoop Bali Summit 2023

Dscoop adalah komunitas yang terdiri lebih dari 16.000 pemilik dan mitra press digital Industri HP di lebih dari 100 negara. Semangat berbagi ide Laurensius Chandra, ketua Dscoop Indonesia adalah alasan utama mengapa komunitas terus menguat di seluruh dunia, khususnya Asia seperti Indonesia Malaysia, Jepang, India, Singapura, Vietnam, dan negara-negara APJ lainnya.

Redaksi Printpack Indonesia berkesempatan mengikuti pertemuan tahunan bergengsi itu di Anvaya Resort Kuta Bali, 30 Agustus hingga 1 September 2023. Banyak hal yang dapat dipelajari dan diambil hikmah atau pembelajaran dari pertemuan tersebut, antara lain presentasi yang disampaikan Bem Subiakto, CEO Samara Group yang menceritakan bagaimana awal perusahaannya berdiri hingga perkembangannya kini dan tips serta tren yang berkembang melalui Agile Entrepreneurship pada hari pertama dscoop Bali Summit 2023.

Dalam bisnis, penting untuk terus beradaptasi untuk memenuhi keinginan konsumen yaitu cheaper, faster, dan better. Bisnis yang agile sebagai bunglon karena bisa bereaksi dengan cepat pada setiap perubahan dan mampu beradaptasi secara internal maupun eksternal. Perubahan yang terus berkembang ini mesti bisa direspon cepat agar mampu bertahan, beradaptasi dan berkembang.

Tik Tok Shop yang disinyalir menjadi ancaman dan penyebab meredupnya bisnis di pasar tanah abang dan toko fisik lainnya akhirnya dilarang beroperasi dengan berbagai alasan. Kita harus menyadari bahwa perkembangan teknologi tidak bisa dibendung dan kita mesti bisa beradaptasi agar bisa bertahan dan terus berkembang. Akankah bisnis printing juga tergerus oleh teknologi Ai dan robotik yang menggantikan tenaga operator cetak, produksi dan lainnya?. Saatnya Agile Bisnis diterapkan....@suhendramarzs

The Power to Transform
ALL IN YOUR HANDS WITH



Revoria Press™ EC1100



Revoria Press™ SC180



Revoria Press™ SC170



Color Profile Maker for Display (CPMD) reproduces printed colors accurately on the monitor.



User Image Color Matching (UICM) function that enable to match color easily with previously printed materials.



Artificial Intelligence (AI) automatically determines the scene for each photographic image on the page and corrects the image appropriately.



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Pilihan yang Bijak dan Pahami Biaya Anda

您的空调最佳拍档

Mitra Terbaik Untuk Setiap Pabrik



**AC CENTRAL HEMAT LISTRIK.
ENERGY SAVING CENTRAL AIR CONDITIONING**

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广东东科新能源有限公司/ 盐城东科机械科技有限公司

是一家致力于研发、生产大空间公共场所、生产车间等特殊环境空调产品为核心的高科技企业,公司注重产品质量, 优选核心部件。
Donco Technology adalah perusahaan teknologi tinggi yang berfokus pada produk AC hemat energi untuk tempat umum berukuran besar, pabrik, dan lingkungan khusus lainnya.

高效能蒸发式冷凝器

可充分利用水蒸发吸热的物理原理, 蒸发式冷凝器形成的系统冷凝温度低, 使压缩机运转功率小, 耗电少, EER值可达5.15以上(普通风冷热泵空调EER值2.3), 可实现压缩机节能运转。节流后的低压液态冷媒吸热蒸发, 进一步降低了进风温度, 双级降温提高了空调系统的综合能效(制冷综合EER可达5.15左右)相比传统风冷空调节能50%。

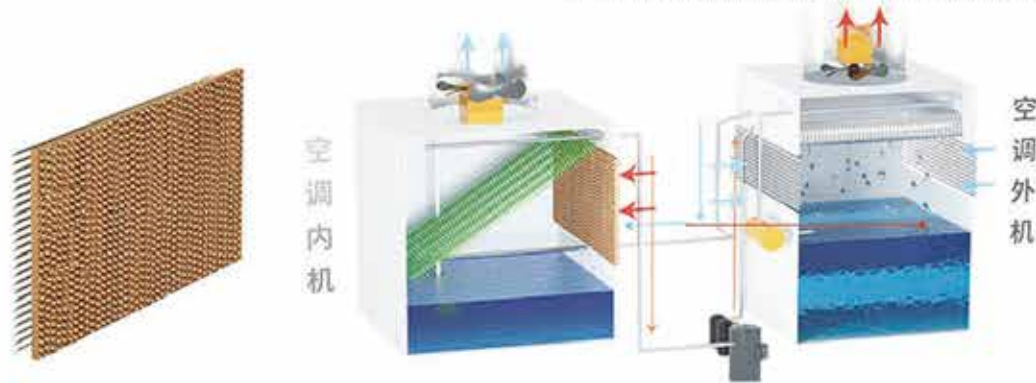
空调系统室内机回风采用双层过滤网和湿帘过滤, 分级过滤不同颗粒灰尘, 保护蒸发器清洁, 保证换热效率及系统寿命。针对印刷包装行业灰尘、纸毛和喷粉颗粒直径分别设计不同目数的滤网做到有效过滤。

Kondensor Evaporatif Efisiensi Tinggi

Dapat memanfaatkan sepenuhnya prinsip fisik penguapan air dan penyerapan panas. Sistem yang dibentuk oleh kondensor evaporatif memiliki suhu kondensasi yang rendah, sehingga kompresor beroperasi dengan daya rendah dan mengkonsumsi daya lebih sedikit.

Nilai EER bisa mencapai lebih dari 5.15 (nilai EER AC pompa kalor berpendingin udara biasa adalah 2.3) Pengoperasian kompresor yang hemat energi dapat dicapai. Refrigeran cair bertekanan rendah yang dibatasi menyerap panas dan menguap, sehingga semakin mengurangi suhu udara masuk. Pendinginan dua tahap meningkatkan efisiensi energi komprehensif dari sistem pendingin udara (EER pendinginan komprehensif dapat mencapai sekitar 5.15) yang menghemat 50% lebih banyak energi dibandingkan AC tradisional berpendingin udara.

Udara kembali dari unit dalam ruangan sistem pendingin udara disaring oleh filter dua lapis dan tirai basah untuk menyaring berbagai partikel debu secara bertahap untuk melindungi evaporator dari pembersihan dan memastikan efisiensi pertukaran panas dan masa pakai sistem. Filter dengan ukuran jaring berbeda dirancang untuk menyaring debu, wol kertas, dan diameter partikel debu secara efektif di industri percetakan dan pengemasan.



通过国家检测报告, 按照 GB/T 17758-2010 的规范的方法, 计算性能系数

制冷性能系数EER

5.15

Mencantumkan laporan nasional dan metode pengujian yang dibentuk dalam GB/T 17758-2010. Koefisien kinerja pendinginan adalah 5.15.

DKKF-124A/B单冷型

双效节能中央空调

DKKF-124 A/B Jenis Pendingin
Dual effect energy saving central air conditioning

制冷功率 Rated Cooling Capacity	制冷量 Refrigeration Capacity	耗电功率 Input Power	水流量 Water Pump
12400W	23KW	0.15KW	0.75m³/h

额定电压 Rated Voltage	额定频率 Rated Frequency	制冷剂 Refrigerant	管径 Pipe Diameter	适用面积 Applicable Area
400V	50	R410A	Φ40.0A	10000m ²

设备重量 Product Weight	内机尺寸 Indoor Size	外机尺寸 Outdoor Size	制冷剂重量 Refrigerant Weight
180kg	1310*830*1620mm	2050*1410*1300mm	194kg

与116kW风冷机组比较
Perbandingan dengan AC pendinginan udara 116kW

设备名称 Unit Name	制冷量 Cooling Capacity	耗电功率 Input Power	水流量 Water Pump
风冷机组 LIQUIDCHILLER	116KW	45.4KW	—
蒸发空调 DONCO	116KW	22.51KW	—

与2039kW离心式冷水机组比较
Perbandingan dengan unit pendingin udara pendinginan udara 2039kW

设备名称 Unit Name	制冷量 Cooling Capacity	耗电功率 Input Power	水流量 Water Pump
风冷机组 LIQUIDCHILLER	2039KW	825KW	—
蒸发空调 DONCO	2039KW	376.2KW	—

与10P风冷机组比较
Perbandingan dengan unit kabinet berpendingin udara 10P

设备名称 Unit Name	制冷量 Cooling Capacity	耗电功率 Input Power	水流量 Water Pump
风冷机组 10P unit	200W	130W	—
蒸发空调 DONCO	200W	6.15KW	—

相比传统风冷空调
50% less energy than traditional air-conditioner
Energi 50% lebih sedikit dibandingkan AC tradisional

DUST ENVIRONMENT

高粉尘车间 - 高效过滤

本系统三级过滤, 有效解决传统空调粉尘堵塞用机使用寿命问题, 传统系统过滤网和滤网过滤系统, 造成了车间内粉尘堆积的隐患。



LARGE AREA

大空间环境 - 整体降温

定制风冷机组, 传统空调有局限, 本系统风管最长100米, 风道20000立方米, 整个空间温度均匀且无死角。



HIGH TEMPERATURE

高温车间 - 定点降温

可根据特殊工位, 设置定点出风口, 高转速风叶, 不浪费。





T1060 Q

Automatic Die-Cutting Machine With Slitting Unit

C106Y /C80Y

Automatic Die-cutting And Foil Stamping Machine



GW-S
Paper Cutting Machine



JINBAO

JB-106AS

Automatic servo control screen printing press

JB-750II /7660II/1270II

Horizontal 4R Half-tone Printing Machine

JB-106C

Servo control screen printing press



GMB 光明

SF-720C/920/1100C

Semi-auto Laminator



SW-1050GL

High Speed Automatic Chain Cutter Laminating Machine



Focusight

FS-500C-Shask

Cigarette Carton High-speed Inspection Machine



FS-GECKO-200

Tag Card Quality Inspection Machine



Rolam 新罗兰



GS Series
The Art Box Automatic High Speed



XL Series
High Speed Intelligent Speechless Folding Gluing Machine

ZENBO 正博

ZB-1200CT-430SF

Sheet Feeding Automatic Paper Bag Making Machine



ZB 460RS

Automatic Roll-Feeding Paper Bag Machine



HR-P1200-FS

Fully Automatic Calendar Machine(Electric Type)



SD-1040W

High Speed UV Spot and Overall Coating Machine



KFM-106SC/MC/LC

Automatic Roll-to-Roll Film Laminator



JLDMH-1010-F

Partex Center (single head)



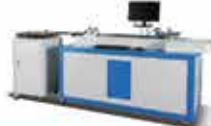
JLDN1812-400W-F

Laser Dieboard Cutting Machine



ABD-IX-KH-F

Multi-function Computerize Auto Bending Machine



FOUSERG

HSC 1500S/1700S/1900S

Full Synchronous Double Vortex Shearing Machine



HSCJ 1400B/1700B/1900B

Servo-driven High Speed Sheet Cutter Machine



SW 欣精

S-420Y/YS

Automatic Fluid Box Making Machine



QFM-460B/600B

Automatic Case Making Machine



NewTop

DEBA0-118S-ZY

High Speed Intelligent Paper Gap Forming Machine



DEBA0-1250S

Middle Speed Paper Gap Forming Machine



IS5-330/430

Flexo printing machine series



FS350/520PS

Intermittent PS Version Rotary Printing Machine



FH300-6C+2

Intermittent Letterpress Rotary Machine

CORRUGATED MACHINES



EKOFA TF 1800
Seven-colors Flexographic
Printing Machine



T-GCF

High Speed Flexo Printer with Slitter + Rotary Die Culler
+ Folder Glue In Line + Strapping Machine



T-FSG

High Speed Flexo Printer Slitter Rotary Die-culler
(Servo Drive Top Printing, Vacuum Transfer and Flood Unit)



YB-1450HS/1650HS
High-speed laminating stacking line
automatic flipping delivery machine



YB-1207/1210BK
Intelligent cardboard laminating machine



TSV-3

Loading edge feeding Tally computerized roll-to-roll
high-speed printing slitting die-cutting machine



2750

Intelligent Thin Knife Machine



J-8E25

Digital Inkjet Printer For Corrugated



BM2508-SE

Fully Automatic Digital Control
Box Making Machine



QYHX-2400A

High-Speed AB Glue Machine



QYHX-3300BL

High-Speed AB Glue Machine



MATERIAL



THERMAL FILM

Eco/Digital/Anti Scratch
/Embossed Thermal Film



Metalized/PET Thermal Film



BOPP FILM



Water Base Laminating Glue Series



WIRE-O-RING

High-Speed Printing &
Slitting Die-Cutter Series

3:1
870 152 700 38 510 113 310

2:1
1 100 34 145



Jelly Glue



Hot Melt For Bookbinding



SPINE GLUE



SIDE GLUE

CREASING MATRIX

- A. Thickness of Creasing Matrix
- B. Brute Mighty Bottom Film
- C. Channel width of Creasing Matrix
- D. Locating Plastic Strip
- E. Protection Gum Paste



CXK-K1

Thermal CTP Plate
(Single Layer)

**CTP
PLATE**



CXK-G4

Thermal CTP Plate
(Single Layer)



CXK-B8

UV-CTCP plate
(UV Conventional Plate)





POST SHOW Report

The-9th Pack Print International Bangkok, 20-23 September 2023

PACK PRINT INTERNATIONAL adalah acara pameran dagang oleh industry dari industri No.1 di kawasan ini yang membawa teknologi pintar global yang inovatif dan solusi baru ke pasar dinamis di Asia Tenggara.



Mr. Jaime Cadena

CEO 3 Dimension Graphics

**Keputusan Berinvestasi
RMGT 970 Diambil Hanya
dalam Waktu 1 Minggu..**



Special Report

Dscoop Bali Summit 2023

Ajang pertemuan tahunan pengguna HP Indigo dan Large Format serta mitranya di Asia Pacific Japan. Dihadiri sedikitnya 150 orang dari 13 negara.

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POST SHOW Report

The-9th Pack Print International Bangkok, 20-23 September 2023



Pameran Pack Print International 2023 di BITEC Bangkok baru saja usai pada 20-23 September 2023 lalu. Majalah Printpack Indonesia sebagai media partner resmi melakukan liputan langsung pameran ke-9 Pack Print International 2023 ke BITEC Bangna, Bangkok yang diselenggarakan oleh Messe Dusseldorf Asia (MDA), berikut liputannya.

PACK PRINT INTERNATIONAL 2023 adalah Pameran Pengemasan dan Pencetakan Internasional ke-9 di Asia. Dan CorruTec ASIA, merupakan platform bisnis yang ditambahkan dengan PACK PRINT International, yang akan mewakili industri sinergis, dan rantai pasokan end-to-end dalam industri pengemasan, corrugated, dan percetakan.

Pameran dagang PACK PRINT INTERNATIONAL 2023 berlangsung pada 20-23 September 2023 di Hall 100-103 BITEC Bangkok, Thailand, mulai pukul 10.00-18.00. Selain pameran juga dilengkapi

dengan acara pendukung termasuk presentasi teknis, lokakarya, pertemuan international dan klinik konsultasi bisnis kemasan. Acara ini bertujuan untuk mempertemukan para ahli dan pemimpin industri untuk memamerkan inovasi terbaru yang mendorong perkembangan berkelanjutan dan masa depan dalam industri sinergis. PACK PRINT INTERNATIONAL adalah acara pameran dagang oleh industry dari industri No.1 di kawasan ini yang membawa teknologi pintar global yang inovatif dan solusi baru ke pasar dinamis di Asia Tenggara. Pameran ini merupakan platform

terkemuka untuk bisnis, menyatukan tren utama dalam pengemasan dan pencetakan - Keberlanjutan, Keselamatan & Keamanan, Ekonomi Digital, Desain Mewah, Printer 3D - dari berbagai sektor.

Pada pameran ke-8 tahun 2022 Pack Print International dihadiri sedikitnya 171 exhibitor dari 27 negara, tercatat lebih dari 10,007 pengunjung dan ada 5 paviliun internasional dengan lebih dari 100 visiting group dari negara-negara Asia dan Eropa. Tahun ini, redaksi belum mendapatkan release resminya, namun terlihat boothnya lebih ramai dan paviliunnya juga lebih banyak, tidak hanya dari Asia dan China juga dari Eropa seperti Jerman, Itali dan sebagainya.

2 Pameran, 1 Tempat

Menciptakan platform bisnis yang diperluas, CorruTec ASIA diselenggarakan bersama PACK PRINT INTERNATIONAL, mewakili industri yang sinergis dan rantai nilai ujung ke ujung untuk industri pengemasan, percetakan, dan industri karton bergelombang. Dari data yang diperoleh redaksi, tercatat pasar pengunjung luar negeri teratas adalah dari Asia termasuk Malaysia, Filipina, Singapura, India, Indonesia, Vietnam.

Beberapa pertemuan internasional juga rutin diselenggarakan oleh Pack Print International – Messe Dusseldorf Asia, seperti Pack Print International 2023 ini antara lain :

1.Seminar Outside the Box:

Strategi Luar Biasa untuk Membawa Bisnis Keluar dari Zona Nyamannya

Terjebak dalam zona nyaman menjadi penyebab bisnis Anda tidak berkembang. Saatnya untuk keluar dari kotak sekarang! Carilah strategi baru untuk membawa bisnis pada perjalanan yang luar biasa. Jangan lupa, hal-hal besar tidak pernah datang dari zona nyaman!



Beberapa tema diskusi menarik antara lain :

Pemasaran di Luar Kotak:

Bagaimana Menciptakan Loyalitas Merek? Saroj Laohasiri, Kepala Transformasi Pemasaran dan Strategi Pemasaran, Bluebik Group Co Ltd. Tidak ingin memiliki pelanggan yang tidak loyal? "Pemasaran di Luar Kotak", sebuah genre pemasaran baru, dapat membantu mempertahankan dan mendapatkan kembali hubungan bisnis. Mari kita lihat mana yang cocok dengan Anda.

Teknologi Masa Depan: Membuat Perbedaan dalam Bisnis - Ubah Masa Depan dengan Teknologi Mutakhir, oleh Prasit Klong-Nguluerm, Wakil Presiden, Urusan Akademik, Asosiasi Pengemasan Thailand.

Branding Kreatif: Menciptakan Merek melalui Kotak oleh Nopneera Ruksasuk, Pendiri / CEO, Yindee Design Co Ltd. Kotak tidak hanya sekedar penutup produk tetapi dapat menjadi media komunikasi dengan pelanggannya. Mari kita lihat bagaimana bisnis dapat menciptakan merek melalui kotak kreatif yang disukai pelanggan dan tidak perlu menekan tombol blokir!

Pack to Rich: Meningkatkan Penjualan dengan Ide Kemasan yang Kreatif & Luar Biasa oleh Pornthep

Tippayapornkul dan Thanyarate Sodsai, CEO, GPmasterbox.

Mengubah kemasan biasa menjadi kemasan kreatif tidaklah sulit. Mari kita dengar dari pemilik pabrik pengemasan. Pengalaman mereka akan membantu Anda mempelajari cara meningkatkan penjualan dengan mudah.

Megatrend Pengemasan –

Peluang dan Aplikasi FMCG terbaru menggunakan Moulded Fiber Serat cetakan kini muncul sebagai substrat kemasan alternatif untuk berbagai aplikasi dan mengalami investasi dan pertumbuhan yang signifikan baru-baru ini, didorong oleh persyaratan peraturan pemerintah global dan perubahan preferensi konsumen untuk menerapkan praktik berkelanjutan.

Dengan kapasitas tahunan hampir 2 juta ton pada tahun 2022, Tiongkok menempati posisi penting dalam industri cetakan serat tanaman global. Seminar ini, menyoroti mega-tren utama dalam bidang serat cetakan dan aplikasi FMCG yang dibagikan oleh para pemimpin pasar utama, yang mencakup hulu dan hilir produksi serat cetakan dari inovator mesin hingga produsen produk akhir.

WPCF - World Printing Communication Forum

Sharing Update Bisnis Percetakan di Dunia.

Highlight:

Studi kasus global mengenai cetakan kemasan FMCG dan tampilan sampel Botol Fiber Cetakan yang dikembangkan oleh China [Eksklusif] Cara mengurangi biaya persediaan catering sekali pakai dan kemasan makanan [Eksklusif] EPAC Thailand: Praktek dalam kemasan Moulded Fiber, Platform sumber terpadu untuk produk Moulded Fiber WPCF 2023 diselenggarakan di BITEC Thailand, 22 September 2023. Thailand menjadi tuan rumah bagi para pemimpin asosiasi percetakan besar dunia pada Pertemuan Dewan WPCF di pameran PACK PRINT INTERNATIONAL dan CorruTec ASIA. Sebelumnya telah diadakan di kota-kota seperti Singapura, San Francisco, Rio de Janeiro, Adelaide, Cape Town, Shanghai, Mumbai.

WPCF secara umum bertujuan untuk mempromosikan pengembangan dan kemakmuran industri percetakan, seni grafis, komunikasi dan industri terkait di seluruh wilayah di dunia, anggota WPCF meliputi: Asosiasi Industri Percetakan Australia, Teknologi Percetakan Tiongkok, Intergraf – Federasi Eropa untuk Percetakan dan Komunikasi Digital, Asosiasi Percetakan Hong Kong, Federasi Percetakan Utama Seluruh India, Federasi Industri Percetakan Jepang, CONLATINGRAF (Amerika Latin), Federasi Asosiasi Percetakan Nepal, Asosiasi Percetakan Korea, Federasi Industri Percetakan NPC Afrika Selatan, Sri Lanka Asosiasi Percetakan, PRINTING United Alliance (AS).

Bersamaan dengan WPCF Board Meeting, tahun ini juga diadakan forum regional yang dipimpin



Para pemimpin asosiasi percetakan dunia hadir di WPCF Pack Print International 2023, BITEC Bangkok Thailand, 22 September 2023

oleh pembicara dari berbagai negara. Bertajuk “Mengejar Keberlanjutan dan Tantangan yang Dihadapi Industri Percetakan”, konferensi ini membahas tren yang muncul, serta pergeseran dan perkembangan industri percetakan dan pengemasan global. Adapun Narasumbernya Profesor Kamal Chopra, Presiden, World Print & Communication Forum (WPCF) Tuan Pongthira Panthanapiradej, Presiden, Asosiasi Percetakan Thailand Pembaruan pada drupa 2024 Sabine Geldermann, Direktur drupa dan Kepala Global Teknologi Cetak Messe Düsseldorf. Singapura, Josephine Low, Presiden, Asosiasi Percetakan & Media Singapura. Filipina, Allan Asi, Wali Amanat & Mantan Presiden, Yayasan Pusat Keunggulan Cetak Filipina, Malaysia, Dato’ Koay Hean Beow, Presiden, Asosiasi Percetakan Malaysia, Indonesia, Ahmad Mughira Nurhani,

Presiden, PPGI / Asosiasi Media Cetak Indonesia.

Presentasi tentang Perhitungan Jejak Karbon untuk Industri Percetakan disampaikan oleh Beatrice Klose, Sekretaris Jenderal, Intergraf Diskusi panel : Tuan Pongthira Panthanapiradej, Presiden, Asosiasi Percetakan Thailand, Ms Genevieve Chua, Bendahara Kehormatan, Asosiasi Percetakan & Media Singapura & CEO OVOL Singapore Pte Ltd, Dato’Koay Hean Beow, Presiden, Asosiasi Percetakan Malaysia, Tuan Peter Chan, Presiden Asosiasi Percetakan Tiongkok Wilayah Federal Selangor, Allan Asi, Wali Amanat & Mantan Presiden, Yayasan Pusat Keunggulan Cetak Filipina, Ahmad Mughira Nurhani, Presiden, PPGI / Asosiasi Media Cetak Indonesia dan moderator Paul Callaghan, Penerbit, Majalah Print Innovation Asia.

KEMASAN KEBERLANJUTAN: Sustainovation Packaging: The Key to Circular Living Conference.

Menurut Departemen Pengendalian Pencemaran (PCD), Thailand termasuk dalam sepuluh besar pencemar sampah plastik laut terburuk secara global, yang merupakan penyebab utama perubahan iklim.

Kementerian Sumber Daya Alam dan Lingkungan telah menetapkan kebijakan pengelolaan sampah plastik berkelanjutan yang konkrit untuk mengatasi permasalahan sampah plastik di Thailand. Uni Eropa mempunyai batasan untuk menghapuskan kemasan plastik sekali pakai di negara-negara anggota UE dan menaikkan pajak atas barang-barang yang tidak dapat didaur ulang agar semua kemasan di pasar UE dapat didaur ulang. Faktor-faktor yang disebutkan di atas mempercepat tren keberlanjutan inovasi dalam siklus hidup pengemasan.

Oleh karena itu, sektor bisnis harus beradaptasi dengan tren global ini, merespons perilaku konsumen, dan mempercepat pengembangan kemasan yang menggunakan kembali dan mendaur ulang kemasan yang ramah lingkungan yang selaras dengan ekonomi sirkular dan masa depan yang berkelanjutan. Bertemu dan bertukar ide dengan pembicara ahli di Sustainovation Packaging: The Key to Circular Living Conference. Akan membuka dan meraih peluang untuk mengembangkan kemasan berkelanjutan untuk dunia kita dan masa depan.

Berikut topik menarik dalam seminar **Prospek Pasar dan Masa Depan Pengemasan Berkelanjutan** Inovasi Bahan Kemasan: Mengurangi Pemanasan Global. Bergerak Bersama Menuju Ekonomi Sirkular untuk Masa Depan Berkelanjutan.



Pengemasan Berkelanjutan: Sebuah Langkah Penting dengan Konsep Tanpa Limbah

Temukan Aturan dan Pulihkan Krisis Iklim dengan Sertifikasi Label Karbon Desain Kemasan Berkelanjutan... Konsep Kreativitas dan Tanggung Jawab Lingkungan

Konferensi Pengemasan Asia SHIFT23 adalah Acara konferensi perdana di Asia untuk industri label dan pengemasan untuk Konverter pencetakan label dan paket | Printer | Desainer | Pemasok | Pemilik merek.

Diselenggarakan oleh Print Innovation Asia dan Labels & Packaging Innovation Asia, Konferensi Pengemasan Asia adalah acara label dan pengemasan perdana di kawasan ini yang mempertemukan para konverter dan pencetak pencetakan label dan kemasan, perancang, pemasok, dan pemilik merek. Menandai edisi ke-20, konferensi satu hari ini diadakan bersamaan dengan PACK PRINT INTERNATIONAL dan CorruTec ASIA – di mana para pendukung industri dan pakar di bidangnya mempresentasikan diskusi dan peluang jaringan yang inovatif – semuanya dirancang untuk mentransformasikan bisnis percetakan dan pengemasan di Asia

Asian Packaging Excellence Awards 2023 – yang merupakan acara tahunan bagi industri ini, juga akan diadakan secara bersamaan.

Juga ada teknikal presentation : **Teknologi Baru Mesin China oleh Sansin Group**

Pembicara: Ramade Tavornpadid (Penjualan), Patrick Huang (Manajer Umum) Bahasa: Inggris / Thailand Presentasi ini dibagi menjadi dua bagian. Bagian pertama memperkenalkan teknologi terbaru yang ramah lingkungan dan ramah lingkungan: AC Donco yang ramah lingkungan dan hemat energi. Bagian kedua memperkenalkan teknologi inovatif baru: mesin sablon baru Jinbao.

Presentasi Canon - OCE COLORADO M-Series

Pertama diluncurkan pada tanggal 30 Maret seri Colorado M. Dalam enam bulan setelah peluncurannya, dengan bangga di sampaikan bahwa telah mengirimkan 500 printer. Konsep modularnya, beragam aplikasi, dan tinta UVgel putih yang unik semuanya berkontribusi terhadap kesuksesan ini. Jelas graphiPLAZA.



A graphic titled "DAY 3 HIGHLIGHTS" for the event held from "20 - 23 September Hall 100 - 101". It features the Pack Print International logo and several circular inset images showing a panel discussion, a printer with a "SOLD" sign, and people interacting. A pink banner at the bottom reads "Last chance to visit!".



A graphic titled "DAY 4 HIGHLIGHTS" for the event held from "20 - 23 September Hall 100 - 101". It features the Pack Print International logo and circular inset images showing people at a booth and a printed bag. A pink banner at the bottom reads "Thank you for visiting!".



Q: NO Reno5
 @sakuprint | 2023.09.20 15:29





***Dscoop adalah komunitas yang terdiri lebih dari 16.000 pemilik dan mitra press digital Industri HP di lebih dari 100 negara...
Amy You, Success Manager Dscoop APJ***

Special Report

Dscoop Bali Summit 2023

Dear readers,
Acara tahunan Dscoop Bali Summit 2023, baru saja usai awal September lalu di Anvaya Resort Kuta Bali. Sedikitnya 150 orang hadir dari 13 negara di Asia Pasifik.

Amy You, Success Manager Dscoop Asia Pacific Japan, selaku kordinator penyelenggara mengatakan bahwa Dscoop adalah komunitas yang terdiri lebih dari 16.000 pemilik dan mitra press digital Industri HP di lebih dari 100 negara. Dan

kini, member dscoop tidak hanya pemilik printer HP Indigo, tetapi juga large format lainnya. Demikian juga dijelaskan Laurensius Chandra, selaku ketua Dscoop Indonesia.

Semangat berbagi ide adalah



Agile Mindset

is a thought process that involves understanding, collaborating, learning, and **staying flexible** to achieve high-performing results.

alasan utama mengapa komunitas terus menguat di seluruh Indonesia, India, Malaysia, Jepang, India, Singapura, Vietnam, dan negara-negara APJ lainnya. Jelas Laurens.

Acara dscoop Bali Summit 2023 sukses dengan menghadirkan narasumber ahli dan berpengalaman di bidangnya antara lain ; Ben Subiako, CEO Samara Group, bicara tentang agile entrepreneurship. Fiki Setiyono dari Microsoft banyak bicara tentang Ai dan perkembangannya kini. Juga Bp Willian Djaya Business Coach CharCom yang memberikan workshop business capital serta narasumber dari berbagai negara lainnya seperti dari HP Australia. Juga presentarasi dari Arnon GM HP Indigo APJ yang memukau.*





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NFC - The media bridge between print and digital

Print and digital solutions:
At first this sounds like a contradiction in terms. However, the printing industry has known for a long time that it can only go hand in hand. Anyone who processes data needs a digital infrastructure to offer solutions quickly and efficiently.

NFC takes the digitisation and personalisation of print products to a new level. For a long time, the NFC sign on the mobile phone was just a reason for the battery to run out faster and we quickly looked to switch it off. Today we know that it opens up new possibilities and makes our lives easier.

A highlight project at PRINT & DIGITAL CONVENTION 2023 shows how Near Field Communication (NFC) is revolutionising the direct marketing industry. The brand partners f:mp., grunewald, NFC21, locr and Wonderlandmovies joined forces in a best practice and proved with their personalised invitation card how surprising, exciting and captivating print can be.

Cross-media invitation card with NFC technology in print

The invitation to PRINT & DIGITAL CONVENTION 2023 was part of the event's highlight guide this year. The highlight guide presents particularly unusual print projects from the real world.

The printed invitation mailing 2023 had it all: namely an NFC chip that led to a personalised website. On the URL, the invitees found



an individual teaser video and all information about the congress. The self-mailer itself was given a personal touch with an individual map showing how to get to Düsseldorf, including a precisely calculated journey time.

Now you could say: What can NFC do that QR code can't?

The advantages of NFC over the QR code

Learning something new again? The print and media industry seems to be overtaxing the end consumer. After all, the QR code has not even reached everyone yet. Yet the advantages of NFC technology over QR are obvious:

- The connection to the website is established more quickly.
- International transmission standard according to ISO norm.
- No special app necessary / NFC is integrated in the mobile phone.
- NFC increases counterfeit protection

because each chip has a unique ID.

- Invisible integration in designs (no line of sight to the smartphone necessary).
- The data on the chip can be changed at any time.

In addition, NFC technology is becoming more widespread. The ease of use via the mobile phone - the one thing we always carry on our bodies - is making more and more everyday services rely on the technology.

NFC works with three different modes

1. Card emulation mode:

We know this mode mainly from cashless payment or unlocking doors. Either a card or our smartphone interacts with the NFC receiver. Basically, you no longer have to carry around many cards, but have everything integrated into your mobile phone.

2. Reader/writer mode:

This mode was used for the self-mailer of the invitation. The NFC chip is read by a smartphone and a URL is displayed. So-called "smart posters" are also becoming increasingly popular here. From the poster directly to the purchase - this is ideal for all online offers of goods.

3. peer-to-peer mode:

We know this mode especially when we have a new mobile phone. With this mode, we transfer data from one device to another. The mode describes the communication and data exchange between two devices.

Digitisation and print - more and more possibilities

What this example shows: The print industry is also getting more and more opportunities to realign itself and offer digitised products.

At drupa 2024 we will have a lot to discover - we can hardly wait to learn about more digitisation possibilities.*



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EPSON Luncurkan Printer UV Flatbed Pertama SC - 7000

Bertempat di Aneka Warna Jakarta, 20 September 2023, Epson meluncurkan SureColor SC-V7000 sebuah printer flatbed UV pertama yang dirancang agar menghasilkan aplikasi signage berkualitas untuk berbagai macam media.

Produk ini secara khusus dikembangkan untuk memenuhi permintaan bisnis signage yang berfokus pada total biaya kepemilikan yang lebih rendah tanpa mengurangi kualitas. Dengan printer flatbed UV baru ini, V7000 lebih mudah digunakan serta memiliki beragam aplikasi yang serbaguna.

"Fitur SC-V7000 didesain dengan mempertimbangkan kebutuhan pelanggan. Kami mendengarkan pelanggan dan telah menggabungkan berbagai fitur dalam printer baru ini dengan harapan untuk menjawab kebutuhan pelaku usaha signage dan percetakan di pasar yang terus berkembang saat ini. Kuat dan dapat diandalkan, printer flatbed UV ini akan memungkinkan pelanggan kami untuk memperluas aplikasi signage

yang lebih luas, dan kami sangat senang dapat menawarkan ini ke pasar Indonesia," ujar Lina Mariani Head of Vertical Business and LFP PT Epson Indonesia.

SC-V7000 dapat mencetak secara langsung pada beragam media yang membutuhkan pre-treatment hingga ketebalan 80mm, termasuk akrilik, PVC, aluminium, logam, poliester, papan busa, kayu dan batu. Kualitas gambar yang tinggi dengan sedikit berbintik dan bergaris dapat dihasilkan dengan menyelaraskan tiga teknologi cetak: Halftoning, LUT yang dioptimalkan sepenuhnya dan Micro Weave.

Kualitas cetakan yang istimewa dan

warna yang jelas, dihasilkan dengan tinta resin berbasis air, yang ramah lingkungan dan tidak berbau. Printer ini menggunakan satu set tinta 10 warna termasuk tinta yang dapat memperindah cetakan khusus tanpa kehilangan kualitas dalam produksi.

Hardian Lorenz, Pemilik Aneka Warna mengatakan, produk terbaru Epson Sure Color SC-V7000 merupakan salah satu produk pendukung, bagi para pebisnis yang menggeluti industri percetakan dengan biaya operasional yang rendah. "Epson Sure Color SC-V7000 ini ramah lingkungan karena sudah disematkan UV pada proses pencetakannya," kata Hardian seperti dikutip dalam siaran persnya.**



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IT'S IN THE DETAILS.

EPSON

Print vs. Digital - How digital really is the printing industry?



Print and digital solutions: At first this sounds like a contradiction in terms. However, the printing industry has known for a long time that it can only go hand in hand. Anyone who processes data needs a digital infrastructure to offer solutions quickly and efficiently.

Already at the last Drupa 2016, digital solutions were presented that make everyday work easier and satisfy customer needs in an automated way. In 2024, digital transformation is even a key topic of the trade fair.

When we asked industry participants on Facebook

about digital progress, the most common answers were "we are at the very beginning" and "we don't know where to start yet". This also corresponds perfectly to the studies of the German market. Germany is still to be seen in the midfield of progress. In a survey by the Allensbach Institute for Public Opinion Research, companies from the DACH region in the packaging industry were questioned. 80 percent even completely reject the introduction of artificial intelligence in the work area of transport routes and chains.

Digital transformation in the printing industry - where do you start?

The following areas in particular are considered for digitisation:

1. productivity and collaboration
2. security & compliance
3. analytics & intelligence
4. flexibility, efficiency and sustainability
5. mobility

The easiest way to start is probably to increase productivity by starting to automate processes that make it easier for us. This frees up staff to spend more time on value-adding activities and also on further concept development. Once the start is in place, it also makes it easier for them to collaborate and achieve higher quality results.

A study by Apenberg & Partner

clearly shows that this first step has not yet been taken everywhere. Only 6 per cent of the respondents from the German printing industry stated that they had automated their administration as far as possible. Almost half of all respondents are still in the process. On the other hand, 60 per cent of our colleagues have already completed the preparations by purchasing software and have already put it into operation. Only two percent still check and process data manually, and just under a quarter are still partially involved.

The printing industry focuses on production before administration

During the survey it was clear that the printing industry places its main focus on productive processes. More than half of the participants already map production processes (such as production, makeready and downtimes) in their operating

system. Production planning is also automated. Whereby only 6 per cent state that the automation potential in pre-press has been exhausted. In contrast, only 10 per cent have completed automation in accounting. Likewise, 50 per cent of the companies use production data acquisition to identify problems at an early stage.

Decisions are made on a digital basis

A cornerstone of digitalisation is knowledge. Knowledge that is drawn from data. Around 75 per cent of the printing industry already uses this knowledge to make decisions.

Status quo of digitalisation

The theory of Print 4.0 - the digitalisation of the printing industry, has one goal: the process from the customer's order to the delivery of the product runs completely digitally and autonomously. The manufacturing and delivery

processes are digitally linked and automated. Seamless processes between paper supplier and printer, prepress, printer and material transport: stocks are filled by sensory observations. Human intervention is no longer necessary.

Our industry has already produced many best practice examples from which we can learn. In reality, many industry players have dared to start and have already automated individual workflows. Printing machines behave autonomously. The Corona crisis has once again increased the willingness to digitise. Many companies are switching to digital offerings. Digital providers are entering the market, forcing other entrepreneurs into digitalisation in order to maintain competitiveness. Now it is time to use this beginning as a competitive advantage and take the next step. **

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What is Smart Packaging?

9 Things You Should Know

If you're looking for unique, innovative packaging that incorporates digital technology, look no further than smart packaging. It offers a world of potential for logistics, quality control, and overall brand value.

Here we delve deeper into everything smart packaging. Smart packaging is still fairly new to the packaging industry, but we've already seen a huge impact on how it will affect the future of packaging. Let's start with the basics to give you a good understanding of what exactly smart packaging is!

What is Smart Packaging?

Smart packaging does not actually refer to one type of packaging; it's actually an umbrella term for different types of intelligent packaging.

This type of packaging has enhanced functionalities and uses technology as part of the experience. The addition of technology is used for protection and labeling and is now becoming part of the customer experience too!

There are two types of smart packaging: active packaging and intelligent packaging.

We'll look at each type of smart packaging individually before going into the overall benefits that it offers.

Types of Smart Packaging

1. Active Packaging

This packaging is a type of smart packaging within the smart food packaging market. The packaging is designed in a way where it interacts with the contents inside the packaging and improves its shelf life and/or quality while being stored. It can be designed to release certain substances into the medium, or substances can be removed from the medium. Active packaging uses light filtering materials, oxygen and ethylene absorbers, antimicrobial surface coatings, or moisture-regulating materials, either by adding them into the



packaging or as an insert.

This type of packaging can be a major benefit in food and beverage products and is an excellent addition to the active and intelligent packaging market. Active packaging can add value to the product without detracting from the look and feel of the brand narratives.

2. Intelligent Packaging

Intelligent packaging, like active packaging, offers benefits for the consumer in different ways.

Used in the smart food packaging market, there are many types of intelligent packaging that can monitor products and ensure consumers receive items of the best quality.

How does intelligent packaging do this?

Through additions in the packaging that essentially communicate with the environment around it and the outside world. This could be in the form of indicators, sensors, and diagnostic functions that continuously monitor the product and provide information. Sensors can also be integrated into the packaging or placed on the outside or inside for monitoring purposes. Intelligent packaging is beneficial for both retailers and consumers because

they receive real-time information about the product and catch key issues such as leaky packaging, bacteria, and temperature disruptions based on the sensors and indicators used.

Now that we've established the main types of smart packaging, we'll take a deeper look at the smart packaging market and explore the top 10 things you should know about this innovative integration.

Connected Packaging

Connected packaging is a type of intelligent packaging that allows customers to interact with it. Using a code activated by a mobile device, connected packaging has many applications in the retail world. Brands can use it to deliver exclusive content and information on the product and how to use it.

As an example, Smashbox Cosmetics used conductive ink on a card included with their eyeshadow packaging, inviting customers to a website. Customers would type a short URL into their mobile device and touch the connected card to the screen to do so. It was a simple yet effective way to add additional value to the product and create a better customer experience.

1. Smart Packaging Gaining Market Share

According to Smithers, smart packaging sales grew from \$4.95 billion to \$6 billion between 2015-2019 with an average annual growth rate of 5.1%. It is estimated that smart packaging will continue to grow to \$8.6 billion between 2020-2025 at an average annual growth rate of 6.4%. Already it is evident that that innovative packaging strategy is gaining lots of traction and we can definitely expect to see more of these innovations hit the shelves as time passes. Ongoing research is looking at making smart packaging such as sensory labels more widely available through efficient production processes.

2. Logistics at the Forefront

As smart packaging continues to be researched, it requires a deeper dive into the logistics chain and how it can support these different packaging elements. Many types of intelligent packaging can be supported, but the transport industry will need to evolve alongside it to make this type of packaging a staple on retail shelves. The transport industry has quickly evolved into using real-time tracking and tracing. RFID chips and other technology. It is safe to say that we will continue to see new logistics strategies incorporated into individual packaging soon enough as the logistics and transportation industries evolve alongside packaging trends.

3. Quality Control

Quality control across industries has been a vital part of logistics and transport. With innovations in the smart food packaging market and intelligent packing, quality control stands to improve even further. The advanced sensors and indicators that are part of smart packaging will play a vital role in monitoring the product's condition through the transport journey and when it's on the shelves. Shelf life of products can be extended through active packaging by removing unwanted particles from the medium and allowing clerks to keep track of expiration dates much more accurately. The future of product quality will be a lot safer and easier to navigate as various types of intelligent packaging and smart packaging are introduced to the market.

4. Enhancing Brand Transparency

With more and more consumers

demanding more sustainability, better ethics, and transparency from brands, packaging has to innovate to serve this demand. The active and intelligent packaging market offers a way towards that. Smart packaging provides better accountability and tracing on product packaging materials, carbon footprint, and manufacturing. Brands can build a better connection with customers and create a more ethical brand that shines a spotlight on transparency.

5. Counterfeit-Proof Products

Counterfeiting and fake products have been an industry issue for a long, long time and has caused a lot of mis-trust for many customers. Luckily, intelligent packaging and smart packaging can offer a solution. The technologies in intelligent packaging can provide more insight into product routes and manufacturing information. Active packaging can monitor unwanted particles and tampering as well and mark deliveries as potential risks which then can be monitored more closely by businesses.

6. QR Codes

Dynamic QR codes are a part of intelligent packaging methods and offer a new level of interaction with customers. Using technology such as a QR code, companies and brands get much better insight into who uses the QR codes, how often it's used, and create further opportunities for customer satisfaction and loyalties. QR codes can also be used in the manufacturing and supply chain process to monitor progress, reduce costs and errors, and optimize product performance. All in all, QR codes have allowed for more convenience in the packaging industry. Brands no longer need to plaster their packaging with mass amounts of information but rather add a decorative QR code that communicates on a more personal level with customers.

7. RFID Tags

RFID tags and tracking stickers have become increasingly popular, and for good reason. They are used across different industries and products because they are vital to track inventory and supply chains. Using intelligent packaging solutions such as RFID tags, companies can gain real-time insight into logistics and transport.

Passive RFID

Passive RFID tags don't contain a battery. They are powered by the reader using

radio waves to activate a readable scan. When the radio waves from the reader activates the passive RFID tag, the coiled antenna within the tag creates a magnetic field which then energizes the circuit within the tag. The energy sends the information that has been encoded in the tag's memory.

Active RFID

Active RFID tags are currently the most common of the types of RFID tags discussed. The system is fairly simple as a battery powered tag carries an identification message from long distances at high speeds. With more and more people using Bluetooth Low Energy (BLE), Active RFID tags are compatible with this feature which offers power and cost effective services.

8. Smart Packaging: Mutually Beneficial

The many types of smart packaging emerging highlight the opportunities present to reach customers and form the right experience from the start. Customers' long for more information and transparency. This can help speed up the adoption of the new types of intelligent packaging and smart packaging emerging in the market today. This makes it a great option for both customers and companies, as long as the technology works quickly and effectively. Companies such as Saralon are working to create functional inks that can make printed batteries, displays, and sensors directly onto the packaging. That type of innovation will lead to faster adoption rates and a better consumer experience overall.

9. The Disposal Process

One of the main barriers to widespread smart packaging usage is how to dispose of it. Should smart packaging be considered electronic due to the components needed? If so, throwing it away as part of household waste may not work. Manufacturers would need to be more explicit on the packaging itself to ensure that it is thrown away safely, which could prove to be challenging and costly. Overall, the benefits of smart packaging and intelligent packaging are many. As the technologies involved continue to be studied and researched, it's clear that the future of packaging is on its way to changing.**

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Keputusan Berinvestasi RMGT 970 Diambil Hanya dalam Waktu 1 Minggu

3 Dimension Graphics Inc. berlokasi di Miami, Florida adalah percetakan serba bisa dari mencetak komersial, surat kabar, promosi dan cetak kemasan. Sejak tahun 2000, 3 Dimension Graphics sudah menjadi pengguna mesin cetak merek lain.

CEO 3 Dimension Graphics, Mr. Jaime Cadena, yang memiliki latar belakang pendidikan institut teknologi grafika, dalam mempertimbangkan pengembangan bisnis percetakannya berencana mengganti dua unit mesin cetak berukuran 40" dan 28" miliknya dengan satu unit mesin berukuran 40" baru dari merek pesaing.

Alasan utama 3 Dimension Graphics mempertimbangkan mesin berukuran 40" merek pesaing adalah karena volume bisnis karton lipat mereka yang berkembang pesat. Sebelum menandatangani kontrak pembelian, 3 Dimension Graphics menemukan bahwa mereka tidak mendapatkan manfaat dari mesin ukuran 40" untuk pekerjaan karton lipat yang mereka produksi.

Dalam diskusi, tim RMGT dapat meyakinkan pilihan mesin cetak yang paling cocok dengan



Mr. Jaime Cadena, CEO 3 Dimension Graphics, Amerika Serikat (berbaju putih).

ruang produksi mesin berukuran 28" adalah mesin RMGT seri 9 model 970ST-5+LED+CC+SLD, ukuran 650 x 965 mm, 5 warna, dilengkapi dengan LED-UV, Coating, Semi Long Delivery.

"Saya berkesempatan mengunjungi beberapa pelanggan RMGT di Chicago. Keyakinan saya terhadap mesin cetak RMGT semakin bertambah. RMGT dibuat dengan

baik dan sangat produktif. Saya berbincang dengan tiga pelanggan, yang semuanya memiliki dua unit mesin cetak RMGT. Mesin RMGT yang mereka miliki bekerja dengan produktif dan lancar. Ke tiga pelanggan sangat senang dengan mesin cetak RMGT dan memiliki hubungan baik dengan RMGT. Hal ini membuat saya merasa percaya diri untuk mengambil keputusan sesegera



Mr. Jaime Cadena merasa bangga dengan performa RMGT seri 9.

mungkin setelah saya pulang dari perjalanan bisnis kali ini.” kata Mr. Cadena. Akhirnya keputusan untuk membeli RMGT seri 970 diambil hanya dalam waktu sekitar seminggu setelah pertemuan dengan RMGT untuk pertama kalinya.

Mesin RGMT 970 sudah terbukti membantu Percetakan 3 Dimension Graphics dalam meningkatkan produktivitas lebih



Kunjungan keluarga Cadena ke markas besar dan pabrik RMGT di Hiroshima, Jepang

dari menghasilkan produk lebih dari dua kali lipat dibandingkan total output mesin pesaing. Manajemen RMGT berharap dengan instalasi RMGT 970ST-5+CC+SLD yang baru bisnis 3 Dimension Graphics bertumbuh

kembang dan sukses. RMGT merasa sangat bersyukur dan senang menyambut 3 Dimension Graphics sebagai mitra baru dan menjadi ruang pameran RMGT di Amerika bagian selatan.**



RMGT 970ST-5+LED+CC+SLD, 5 warna, dilengkapi dengan LED-UV, Coating, Semi Long Delivery.



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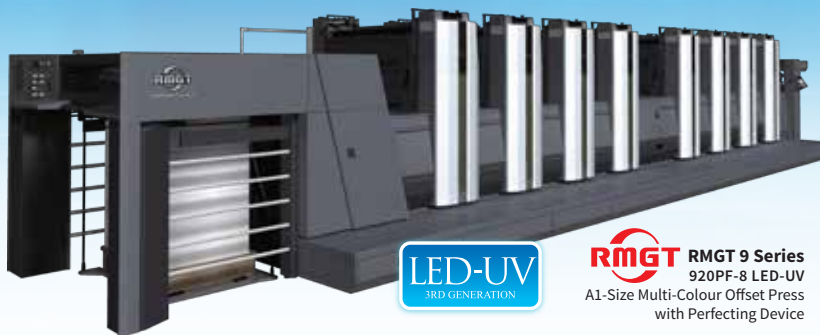
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*dibanding tipe lampu konvensional dengan sistem cetak UV RMGT seri 9



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920PF-8 LED-UV
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INOVASI SISTEM CETAK LED-UV GENERASI 3

Sejak pertama kali diluncurkan pada tahun 2008, Ryobi (sekarang RMGT) menjadi satu-satunya pabrikan mesin cetak yang mengawal evolusi sistem cetak LED-UV. RMGT seri 9 LED-UV berhasil mendapatkan perhatian khusus. Sistem cetak dry-to-dry RMGT seri 9 dikenal hemat biaya karena berhasil menekan konsumsi listrik, ruang kerja yang ringkas, mudah dioperasikan, menghasilkan produk cetak berkualitas premium yang memukau dan ramah lingkungan. RMGT seri 9 menjadi mesin cetak dengan emisi CO₂ terendah di industri.

Kelebihan Sistem Cetak LED-UV,

- Hemat listrik
- Tidak memerlukan spray powder
- Hasil cetak premium, langsung kering, warna tidak berubah
- Tidak perlu varnis
- Ramah lingkungan, bebas ozon, rendah emisi CO₂
- Bisa mencetak di atas plastik, kertas metalized
- Tahan lama

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34% biaya listrik dan 30% ruang.

Waktu persiapan kerja sangat singkat untuk produktifitas tinggi.

Smart Assist Printing (SAP) meningkatkan efisiensi, hanya dengan satu
sentuhan maka proses cetak berjalan otomatis.

RMGT LED-UV memudahkan kestabilan cetak yang luar biasa di atas
berbagai substrat seperti metallized, film, chemical emboss.

RMGT LED-UV memastikan produk cetak kering instan, warna cetak tidak turun,
tidak berbau dan ber-ozon, tidak diperlukan saluran hawa panas dan ozon.



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Global Printing & Packaging Expo (GPPE) 2023, Pusat Jaringan Industri Percetakan dan Pengemasan di Jawa Tengah

Semarang, Indonesia - Global Printing and Packaging Expo (GPPE) 2023, pemimpin terkemuka dalam industri percetakan dan pengemasan, dengan bangga mengumumkan perluasan operasinya ke Semarang, Indonesia.

Dengan dibukanya fasilitas baru yang canggih di jantung kota Semarang, GPPE 2023 siap menghadirkan solusi percetakan dan pengemasan yang inovatif dan berkelanjutan di wilayah ini.

Global Printing and Packaging Expo (GPPE) 2023, merupakan acara terhormat yang mempertemukan para pemimpin industri, produsen, pemasok, dan profesional dari sektor percetakan dan pengemasan. Pameran tahun ini menjanjikan untuk menjadi platform dinamis di mana perusahaan dapat memamerkan produk, teknologi, dan layanan terbaru mereka, mendorong inovasi dan kolaborasi dalam industri.

Sorotan utama dari partisipasi kami di Pameran Percetakan dan Pengemasan 2023:

1. Peluncuran Lini Produk Baru: Kami akan memperkenalkan rangkaian produk baru yang menunjukkan komitmen kami untuk mendorong batas-batas teknologi percetakan dan pengemasan. Inovasi ini



bertujuan untuk meningkatkan efisiensi, keberlanjutan, dan pengalaman pelanggan secara keseluruhan.

2. Demonstrasi Interaktif: Pengunjung di stan kami akan berkesempatan untuk menyaksikan demonstrasi langsung peralatan pencetakan dan pengemasan mutakhir kami. Tim kami yang berpengalaman siap menjawab pertanyaan dan memberikan solusi khusus untuk memenuhi kebutuhan mereka.

3. Peluang Jaringan: Pameran ini menawarkan kesempatan yang sangat baik untuk terhubung dengan rekan-rekan industri, mitra potensial, dan pelanggan. Tim kami berharap dapat terlibat dalam diskusi yang bermakna dan mengeksplorasi kolaborasi potensial yang dapat mendorong industri ini ke depan.

“Kami sangat senang dapat menancapkan kaki kami di Semarang, Indonesia,” ujar Herman Pratomo, Pendiri ATGMI. Ekspansi strategis ini memungkinkan kami untuk menghadirkan solusi percetakan dan pengemasan terdepan di industri ini secara lebih dekat, serta memungkinkan kami untuk menghadirkan solusi percetakan dan pengemasan terdepan agar lebih dekat dengan klien-klien kami yang berharga di wilayah Semarang, juga memberikan mereka produk dan layanan luar biasa yang meningkatkan merek mereka.

Untuk diskusi lebih lanjut terkait dapat melalui contact@globalprintpackexpo.com atau kunjungi situs web kami www.globalprintpackexpo.com



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Three Print Industry Focus Points 2023



In 2023, the print industry will remain affected by the impact of supply chain disruption, the energy crisis and general economic uncertainty.

That is why it is even more important to focus resources on the development of certain branches of the print industry, that in return will help save resources in the future and simplify processes as well. Find out which 3 big topics the print industry should focus on and why right here!

The print industry and its players are facing global problems that currently many industries have to deal with. That is why they have to adapt their service offerings to drive relevance in a rapidly changing technology landscape while at the same time saving resources. Additionally, customer behavior keeps evolving, with a heightened demand for customization and individualization, meaning that this also must be considered. Using these parameters, we determined three focus points for the print industry to keep thriving in our current global structure.

More Sustainability in Print

Many organizations around the world are focusing on minimizing their environmental impact. With sustainability becoming more and more important every year, the print industry will come under pressure to offer more transparency around its processes and make them more sustainable if needed. Manufacturers must provide new environmentally friendly technological solutions, which is why this year we can expect to see more flagship products that are sustainably oriented.

Digital print also offers more versatility when compared to non-digital printing.

Furthermore, the heightened demand and thus rise for sustainable printing services is one topic that is most likely to keep growing during 2023 and over the coming years, which is the reason why sustainability is one of the main topics for drupa 2024. These solutions and technologies are not only ecologically beneficial, but also make the quality of products better while being cost-effective, which will be very valuable during the problematic economic times that are currently being faced.

That is why all these sustainable improvements should not be done blindly. By using improved data analysis, carbon data analysis and data reporting, the industry can find out which sectors specifically should be improved upon, tackling the ones that need it the most, thus producing the best result possible.

More Digitalization in Print

During the past two years digitalization and ecommerce have taken a more important role in the printing industry and the expectation among consumers regarding delivery timeframes is very high. That is why digitalization is the second main topic that will be focused on at drupa 2024. With some companies continuing their reliance on print for certain business processes, others will need to rethink their strategy and have a more digitized approach to lower environmental impact, reduce costs and improve efficiencies.

A greater request for on-demand printing and label manufacturing has been recorded due to very

long shipping times overseas. Additionally, customers are looking for environmentally friendly options. This is where digital printing comes into play as it produces less trash and pollutants, presenting itself as a viable solution to the problem. Moreover, more environmentally friendly materials are used, resulting in lower client costs.

Digital print also offers more versatility when compared to non-digital printing. It for example helps companies tailor banners and signs to specific customer demands. More customization is offered by advanced packaging with QR codes that can be scanned and shared or digital designs, meaning that digitalization in print does not only provide advantages to the printers side, but also to the consumer side.

More Automation in Print

The automation processes in the printing industry have already started during the last couple of years. Printers are saving resources and money by automating print workflows and applying inline finishing equipment. Less work force is needed to manage the job from start to finish when procedures are automated. Furthermore, by automating the workflows, printers can maximize the efficiency of their hardware. They can speed up printing and finishing, enhance profitability and print on demand, which leads to being able to handle orders round-the-clock. All of this results in printers providing clients with better quality results, while taking on more work and spending less money.

The automation workflow offers more intricate services and output, which allows printers to adapt to an increased consumer demand without raising prices. Printing companies should focus on automating several critical processes and fine-tuning automation of processes that have already started with it. Some of them are for example web to print, color management, variable data printing, customized printing, device management or finishing.

The combination of the advancement of sustainability, digitalization and automation in the printing industry will benefit printing companies and consumers short term and also long term and will make the printing industry more efficient as a whole. As mentioned before, main topics of sustainability and digitalization will get their spotlight at drupa 2024, so be on the lookout for that!

Do you agree with these focus points for the print industry? Or do you have further additions you would make to this list? Feel free to tell us in the comments! - klik drupa.com



Photo 1: A time capsule as an anniversary present: the current management team looks back on an eventful past and into a successful common future on the 175th anniversary of Koenig & Bauer (AT) (from left to right): Robert Galik and Rudolf Vogl, both managing directors of Koenig & Bauer (AT), and Dr Andreas Pleßke, CEO Koenig & Bauer.

Successful Celebrations for The 175th Anniversary of Koenig & Bauer (AT)

The Austrian site welcomes many guests and looks back on an eventful past and into a promising future

- 100 national and international guests at the ceremony
- More than 1,200 visitors at the open day

Maria Enzersdorf, 18.09.2023
2023 will be a year of anniversaries for the Koenig & Bauer Group, as the 125th anniversary of the Radebeul plant will be joined by 175 years in Austria. Much has changed since 1848, when the company was founded as Maschinenfabrik Heinrich Löser. Today the company stands for

the highest quality and innovative strength in the assembly of security printing presses.

175 years of Mödling - a celebration in three acts

At the opening of the celebrations on 14 September 100 national and international guests were welcomed to Maria Enzersdorf for the official ceremony. In addition to speeches by Maria Enzersdorf's mayor DI Johann Zeiner, Koenig & Bauer CEO Dr Andreas Pleßke and the two managing directors of Koenig & Bauer (AT), Rudolf Vogl and Robert Galik, in which the economic importance of the company for the Mödling district as well as for Koenig & Bauer - in past centuries as well as

in the future - was highlighted, the guests were given an insight into press production at the site.

"Koenig & Bauer is an important part of the Austrian economy and a role model for sustainability," explained Mayor DI Johann Zeiner. "The company makes an important contribution to strengthening the business location and creating jobs." In his speech Dr Andreas Pleßke, CEO of Koenig & Bauer, praised in particular the innovative strength that has always emanated from the Austrian site: "Successful cooperation with our international companies and sites is an important pillar of the Koenig & Bauer Group. In Mödling the specialisation in security presses has been excellently adopted and

continuously optimised in recent years."

On 15 September, an employees' party was held to look back on the joint successes of the past years and decades.

The grand finale was the Open Day on 16 September. More than 1,200 visitors were welcomed. A mixed audience of business partners, people from the surrounding area and printing enthusiasts were given an insight into the assembly of a security printing press and the associated processes at various stations. A varied programme of entertainment was also part of the event.

Koenig & Bauer (AT) - Home of Security Printing. Yesterday. Today. Tomorrow.

As part of the long-established Koenig & Bauer Group, the Austrian site in Maria Enzersdorf, district of Mödling, specialises in the assembly of security presses and the associated customer support, and is also responsible for the sales and service of sheetfed offset presses in the agency's area. Rudolf Vogl, managing director of Koenig & Bauer (AT), explains: "In our 175



Celebrating the successful existence of the second largest company in Maria Enzersdorf (from left to right): Robert Galik, managing director Koenig & Bauer (AT), Markus Waldner, 2nd deputy mayor Maria Enzersdorf, Michaela Haidvogel, 1st deputy mayor Maria Enzersdorf, DJ Johann Zeiner, mayor Maria Enzersdorf, Franziska Olishcher, 3rd deputy mayor Mödling and Rudolf Vogl, managing director Koenig & Bauer (AT).

years of company history there have naturally been numerous changes and developments - thanks to our adaptability we have always managed to break new ground. In recent years special attention has been paid to cycle assembly,

building on a new logistics and supply concept to make production processes as effective and efficient as possible. In this way, among other things, we want to achieve the sustainability goals we have set ourselves." CO2 neutrality at the site is the target by 2028.

In addition to sustainable production and continuous process optimisation, the training of new skilled workers is a key issue at the Mödling site. Robert Galik, managing director of Koenig & Bauer (AT): "It's always a great feeling when yesterday's apprentices are finally standing in the factory hall as highly trained specialists. Here you can see very well that the joint work pays off and that we work together as a team. About 50 per cent of the technicians in Maria Enzersdorf are former apprentices from our own training. This shows that almost all of them stay with the company after graduation. *



An anniversary cake in Koenig & Bauer design was served to the 100 national and international guests at the ceremony on 14 September (from left to right): Robert Galik, managing director Koenig & Bauer (AT), Dr Andreas Pleßke, CEO Koenig & Bauer, and Rudolf Vogl, managing director Koenig & Bauer (AT) © Koenig & Bauer, Christian Husar

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Five key trends that are changing the future of the corrugated packaging market

The corrugated packaging market is growing quickly, helped by the explosion of e-commerce and developments in digital printing technologies.

The global corrugated packaging market is growing faster than expected, confounding some predictions that forecast a slowdown in corrugated consumption. A downturn in demand in China and the banning of contaminated recycled paper stocks has not fully materialised.

Smithers new report - The Future of Corrugated Packaging to 2023 - offers exclusive analysis on how this market is increasing, growing around 3.7% annually to reach \$300 billion in 2023. The report also reveals that the electrical goods end-use sector will see the highest levels of growth.

1. E-commerce

E-commerce retail sales are continuing to rocket, with estimates of around 20% annual growth in e-commerce trade in Europe. Global online sales are expected to be over \$5.5 trillion in 2023. This will have a profound impact on packaging demand, especially in the corrugated industry as it represents 80% of demand in e-commerce. The increasingly complex logistics chain for direct to consumer delivery – e-commerce packages are expected to be handled up to 20 times or more during standard distribution – means there is new demand for cost-effective secondary corrugated board packaging. Demands from brand owners are



now being felt by the converting industry as many brands now require the secondary pack to carry their image into the home, not just the retail outlet. This increases the need for converters to produce high-quality graphic designs on the shippers themselves.

2. Fit-to-product

Born out of e-commerce has been the advent of fit-to-product (FtP) or box-on-demand systems, driven in particular by the needs of dedicated e-commerce sellers such as Amazon and Staples. This technology enables the production of customised secondary packaging based on the exact size of the product being packed, including irregular shapes. For the end-user this eliminates the need for large inventories of standard-sized boxes which often

require copious amounts of filler material.

As FtP platforms become more popular, there will be more demand for boards sold as fanfold, as well as finishing equipment, such as printers, that can operate with them. Major moves are being undertaken to capitalise on this growth market. WestRock for example acquired Plymouth Packaging. Based in Michigan it derives 70% of its sales from its BoD systems and corrugated fanfold, together with its equity interest in Panotec and exclusive right to distribute Panotec's equipment in the US and Canada.

3. Sustainability

Corrugated board is proving popular in packaging as sustainability becomes a more important issue



across the value chain – it is easy to recycle and the pulp and paper industry is already adept at converting these into new generations of containerboard. These qualities mean there has been a rise in popularity of corrugated protective formats over polymer based alternatives, such as expanded polystyrene (EPS) foams. While lightweighting of board has long been affecting the corrugated industry, rightweighting, and rightsizing are playing an increasingly important role in this market, not only in response to consumer demand for efficient packaging, but also in response to the logistics chain's adoption of dimensional weight (DIM) pricing. In some instances substituting to a heavier board grade can have a beneficial impact overall as it allows for the elimination of additional protective elements, The desire to minimise the volume of air being shipped within all delivery channels means that in some instances there have been significant cost increases. For example a 32-pack of toilet rolls costs an estimated 37% more to ship using charges based on dimensions, rather than simple weight. Lightweighting has been particularly successful in Western Europe, where box weights are now typically about 80% of US weights. The importance of lightweighting will continue to be felt over the coming years as retailers look to save costs as well as appealing to end users.

4. Retail changes

Retail-ready packaging has established itself as a major cost saver for retailers, especially in Western Europe. This ongoing profit pressure is providing an impetus to use more retail ready formats as a labour-saving solution, as it is estimated that these secondary packaging formats can reduce shelf restocking and handling costs by up to 50%. It is also particularly popular with sales into convenience stores or discount retailers such as Aldi and Walmart. For brands it gives the added bonus of giving them greater control over the presentation of their goods within the retail space. The expansion of e-commerce trade into the grocery sector is likely to have a slight impact on retail-ready packaging use as online sales do not require these pack types. Corrugated cases will still be used to ship goods to an online retailers warehouse or 'fulfilment centre' but these do not need to be retail-ready formats. The emergence of subscription box and meal kit services – which offer direct-to-consumer delivery of specialist food using a weekly or monthly subscription – are providing some new opportunity for corrugated board suppliers with delivery-friendly formats containing goods within a die-cut interior.

5. Digital printing advancements

As the digital print market matures, the corrugated sector, while still in its infancy, has developed a

growing appetite for adoption of the process, and systems are now being developed to address the demands of the high-volume liner and post-print markets.

The flexibility of run-lengths, savings in set-up costs, the ability to personalise either relating to brands, regions, stores or individuals, and the level of quality now available through the latest technologies all combine to create a 'perfect storm' of growth opportunities for converters and printers.

Brand owners are recognising the opportunities to grow dwindling brand loyalty through greater engagement with their customer base provided by these technological developments, and industry leaders see packaging as an important component in the creation of a memorable shopping experience that users will want to share via social media, which can drive marketing, encourage repeat business and attract new customers. The Future of Corrugated Packaging to 2023 offers comprehensive market data for current and future demand for corrugated packaging, complemented with over 350 tables and figures delivering an unparalleled level of detail across all key segments. Download the market report brochure.**

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Dr. Purnomo Ananto, MM,
Ketua Umum APPTI 2023 – 2027

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Afiliasi Penerbit Perguruan Tinggi Indonesia (APPTI) yaitu merupakan asosiasi yang anggota-anggotanya terdiri dari badan-badan penerbit perguruan tinggi (university press) di Indonesia. Visi APPTI adalah Menjadi Organisasi penerbit yang terpercaya dan Unggul dibidang Penerbitan di Perguruan Tinggi secara nasional dan global. APPTI memiliki kedudukan yang penting dan strategis dalam membangun jaringan penerbitan perguruan tinggi di tanah air. karena APPTI menghadapi pasar yang sangat fluktuatif terutama menghadapi semakin banyak penerbitan umum yang berorientasi profit. Strategis karena melalui organisasi profesi ini, berbagai isu besar seperti kondisi penerbitan dan perbukuan, pedoman penerbitan, hak cipta, budaya membaca dan menulis, pajak dan sebagainya dapat diperjuangkan secara bersama seluruh anggota APPTI.

Namun berbagai masalah seringkali dikeluhkan oleh pelaku-pelaku yang terlibat dalam industri buku di Indonesia. Penerbit merasa biaya produksi yang masih tinggi terutama soal harga kertas dan upah kerja



“ Terbitnya sebuah buku karena memang ada orang yang menulisnya “

yang membuat mereka kesulitan untuk memenuhi ekspektasi pembeli yang menginginkan harga buku yang murah. Selain itu penerbit juga mengeluhkan sharing profit yang besar ketika mereka masuk ke toko-toko buku yang memakai konsep konsinyasi. Dimana penerbit baru mendapat revenue setelah bukunya terjual. Belum lagi masalah pembajakan buku yang kian menghantui seperti pelanggaran copyright dan penyebaran buku berformat PDF di internet oleh oknum-oknum yang tidak

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Peran Penerbitan Buku Sebagai Cerminan Peradaban Manusia

Terbitnya sebuah buku karena memang ada orang yang menulisnya. Budaya lisan menyebabkan masyarakat kita lebih suka berbicara daripada menulis. Padahal tanpa ditulis, suatu perkataan akan lebih cepat hilang dan dilupakan. Dengan menulis

pula, kebermanfaatannya kita bisa terus mengalir melebihi usia hidup kita. Mengapa Kartini lebih dikenal orang daripada Dewi Sartika? Padahal kontribusi Dewi Sartika lebih besar dan lebih nyata bagi masyarakat. Jawabannya adalah karena Kartini menulis. Kita tidak akan mengenal ilmuwan seperti Ibnu Sina, Ibnu Rusyd, Isac Newton, dan Albert Einstein yang telah meninggal berabad-abad lampau jika mereka tidak mentransformasikan ilmunya dalam bahasa tulis. Seorang penyair masyhur asal Inggris bernama TS Eliot mengatakan "Sulit membangun peradaban tanpa budaya tulis dan baca". Nampaknya perlu ada gerakan yang mengajak masyarakat Indonesia untuk mencintai buku dengan membudayakan membaca dan menulis sehingga peradaban Indonesia menjadi maju di masa mendatang.

Menulis Buku (Digital) dengan Menggali Potensi Generative Artificial Intellegent (AI)

Generative AI (GenAI) adalah bagian dari Artificial Intelligence yang mampu menghasilkan berbagai jenis data baru. Teknologi AI generatif ini menggunakan data yang sudah ada untuk menghasilkan keluaran baru yang tidak terduga dan menghasilkan terobosan baru dalam dunia desain produk, seni, dan banyak lagi. Dalam AI generatif, algoritma pembelajaran digunakan untuk membuat prediksi dan menghasilkan teks, gambar, video, audio, kode, atau data sintetik baru. Seiring perkembangan teknologi, istilah AI generatif menjadi lebih luas dan mencakup berbagai jenis kecerdasan buatan (AI) yang dapat digunakan untuk membuat hal baru. AI generatif tidak hanya terkait dengan ChatGPT dan deep fakes, tetapi juga dapat digunakan untuk mengotomatiskan proses berulang dalam koreksi teks, gambar dan audio digital. Oleh karena itu, Machine Learning dan Deep Learning juga dapat dianggap

sebagai jenis AI generatif karena secara inheren terkait erat dengan proses generatif.

Dalam prosen penulisan buku hendaknya pilih model AI yang sesuai dengan memperhatikan (1) Kompleksitas Data. Pilih model AI dengan kemampuan mengelola data yang kompleks seperti teks dan statistik. (2) Kecepatan dan Akurasi. Pilih model AI yang memiliki kecepatan dan akurasi tinggi sesuai dengan kebutuhan penulisan buku akademik dan edukatif; (3) Integrasi Mudah. Pilih model AI yang mudah diintegrasikan ke dalam platform penulisan buku yang sedang digunakan.

Implikasi Etis dan Akademis

Sebagai penulis buku, kita perlu mempertimbangkan efek etis dan akademis dari penggunaan teknologi generative AI dalam penulisan buku. Untuk itu kita harus memperhatikan : (1) Bias dan Plagiarisme. Pahami keberpihakan pada data dan risiko plagiarisme dalam penulisan buku dengan teknologi generative AI; (2) Hak Cipta dan Keamanan Data. Pahami perlunya menjaga keamanan data dan hak cipta dalam penulisan buku dengan teknologi generative AI.

Keuntungan dan Tantangan Teknologi Generative AI

Keuntungannya adalah Aldapat membantu proses penulisan buku menjadi lebih cepat dan efisien. Sedangkan tantangannya adalah Kredibilitas informasi yang dihasilkan AI masih menjadi perdebatan, selain itu, harga dan kemampuan model AI yang tinggi dapat menjadi kendala tersendiri.

Sebagai penutup penulis ingin menegaskan bahwa kreasi penulisan buku akademik maupun buku umum (populer) terus berkembang sejalan dengan perkembangan teknologi saat ini. Teknologi generative AI memberikan peluang baru bagi penulis buku dan peneliti untuk membantu mempermudah dan mempercepat proses pembuatan buku.

Namun, perlu diingat bahwa penggunaan teknologi AI perlu dilakukan secara bertanggung jawab dan etis. Dalam penulisan sebuah buku, adalah sebuah keniscayaan tentang bacaan referensi yang dapat menjadi acuan untuk mengembangkan wawasan dan keterampilan dalam mengaplikasikan teknologi generative AI dalam penulisan buku*



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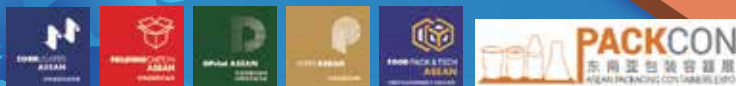
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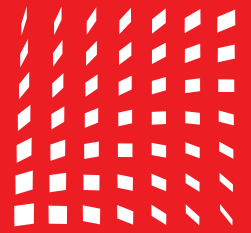
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