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Exploring the Use of Seaweed as Alternative Fiber Source for Paper and Packaging

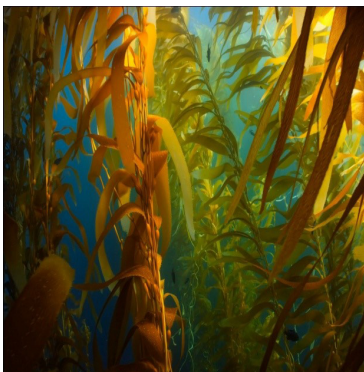
The rising demand for sustainable goods has led to explore the opportunities for using seaweed fibers as an alternative fiber resource.

In the global bid to curb plastic production, manufacturers are increasingly turning to the natural world for organic, sustainable alternatives. Created out of everything from mushrooms to agricultural waste, innovators are proving that the solutions are at our fingertips, and reliance on petroleum-based plastics may soon be at its end.

Our oceans are proving an abundant source for packaging alternatives – and companies are turning to ocean-based plant fibres to create biodegradable containers and wrappers.

While land-based materials such as sugarcane, corn, and other biomass offer organic plastic alternatives, concern has arisen over this potentially causing competition between crops for food vs crops for plastics. Given our growing population and subsequent growing food demand, land use has become a topical issue, and ensuring our transition away from petroleum-based plastics does not trigger other issues (such as a food crisis) is vital.

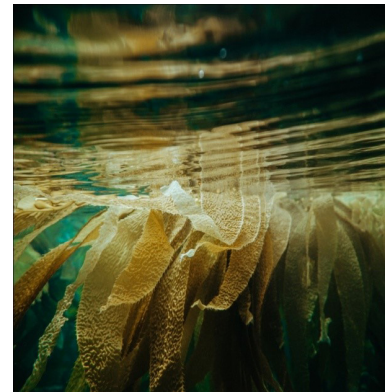
Seaweed has the potential to be a sustainable fiber and raw material source with a low ecological footprint that is easily recyclable and naturally biodegradable. It



also has the potential to be less energy intensive in the production process with fewer chemicals used to extract the fibers.

Unlike land-based plants, seaweed doesn't need fertiliser to grow and it also

doesn't take up increasingly precious land to be cultivated. Rather, it can be grown offshore and so avoid competition with food crops. In addition, when used to package food, seaweed keeps the produce fresh for longer than plastic does and so provides a solution to the mounting problem of food waste.



Due to these factors, the market for seaweed is anticipated to boom in the coming years.

In particular, Indonesia is emerging as a leading market for seaweed. The region is one of the largest seaweed producers in the world, and the leading global producer of red seaweed. Evoware, a sustainable packaging company in Jakarta has been creating food and other product packaging derived from seaweed since 2016, demonstrating the materials' efficacy as a packaging alternative that is not only biodegradable but also edible.

With global regulations increasingly pushing a sustainable packaging agenda, we'll doubtless be seeing companies following the same path by bringing alternative fibres to supply chains and one day making fossil fuel-based products a thing of the past. The potential of seaweed as a plastic alternative has already been seen in projects around the world, but it is only through widespread uptake that significant change will be made.

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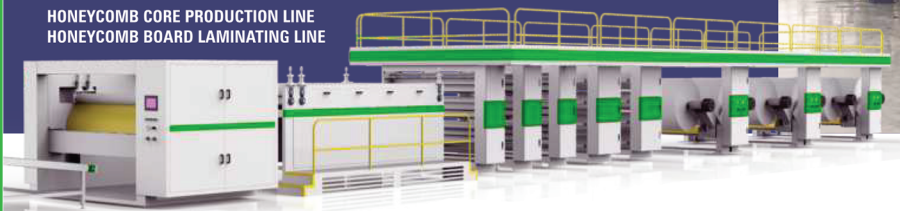


3/5/7 PLY PAPER CORRUGATED PRODUCTION LINE

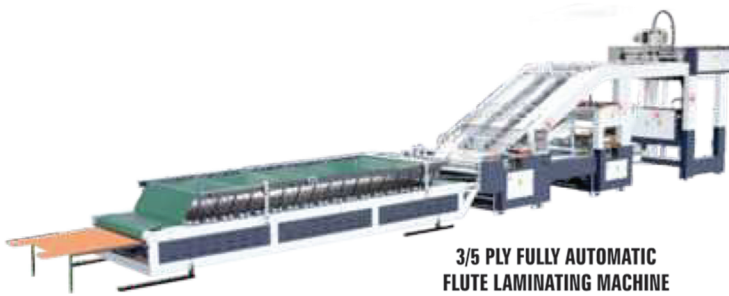
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SINGLE FACER PAPER FINGERLESS CORRUGATING MACHINE

In2flexo is launching MULTICLICK, a solution for automatically cleaning printing plates

Barcelona, Spain-based In2flexo, a company that develops comprehensive solutions for the flexography sector, is launching MULTICLICK – an automatic printing plate cleaner aimed at the corrugated market. It enables multiple printing plates to be cleaned without the need for operator intervention, producing an optimal result with reduced consumption of detergent and water.

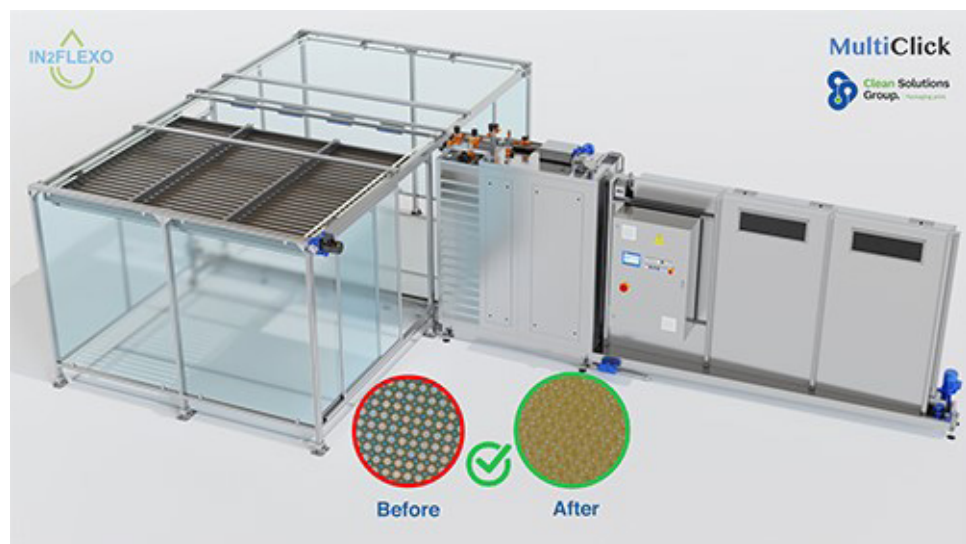
“With Multiclick, In2flexo continues its heritage of innovation in the world of flexography,” said Niels Gerrits, CEO, In2flexo. “Multiclick was developed as a recognition of the demand for increased automation to both reduce cycle time and increase profitability for flexo operations, as well as in consideration of environmental goals that drive the corrugated board market”

The company says that Multiclick saves time, as it allows for the loading, unloading and automatic cleaning of up to 30 printing plates without operator intervention, meaning that you save, on average, 2 mins per plate. As a result of this savings, and the reduced consumption of detergent and water, the return on investment is about two years.

In2flexo also says Multiclick offers cleaning/drying with minimal consumption of water and detergent (recirculation) making it an efficient and sustainable solution. The parameters for the dilution and re-use of detergent can be modified in order to adapt them

to each customer’s situation, whether it is for quick-drying inks, two-component inks, etc.

“Another important factor is that, thanks to Multiclick, the risk of damaging a printing plate is minimised. In addition, by keeping the printing plates clean and dry when they are in continuous use, press stoppage due to a plate that is in poor condition can be avoided,” adds Gerrits. “The quality of the cleaning stands out with Multiclick, as the printing plates come out completely clean and dry, ready to be stored and prepared for the next batch of plates.”



The system features a touch screen enabling fast, easy selection of the printing plates that are to be cleaned, as well as the speed, and the consumption level for detergent and water. Multiclick is manufactured in stainless steel, with high quality electrical components and comes with a 24-month warranty. In addition, it is possible to finance the equipment over two to five years, along with the purchase of detergent, in an all-inclusive contract (machine, technical assistance, detergent, etc.).



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Darshan

"DOUBLE SERVO SEMI AUTO STITCHER" - Darshan Engineering Works, Amritsar

Established by S. Darshan Singh Sehmi in 1961, Darshan Engineering Works with an initial production of, "The Manual Book Stitcher", the firm ventured into the manufacture of "Power Operated Box Stitchers" and became the pioneers of them in India. Subsequently a range of

"Heavy Duty Box Stitchers" having 13 & 14mm clinch capacity, "Double Staple Stitchers" and

"Table Stitchers" with "Servo Motor" were added to the range of Stitching Machines.

In the year 1997, the company started manufacturing machinery required for a full range of "Box Making Plant" like "Heavy Duty Die Cutting, Creasing and Embossing Machine", "Corrugation Machine", "Eccentric Slotters", "Four Bar Rotary Cutting & Creasing Machines", "Pasting Machines" & "Sheet Cutter".

Late S. Darshan Singh Sehmi was posthumously awarded the "Lifetime Achievement Award by IPAMA".



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Light Wrap from DS Smith helps reduce CO2 emissions

DS Smith says it has contributed to a reduction in CO₂ emissions that are thought to be equivalent to 1,831 flights between Madrid and Lisbon, since the creation of the innovative new packaging solution, Light Wrap.

The Light Wrap solution was manufactured as a classic wraparound for bricks and inclusive of innovations in its design to allow for improved packaging with less fibre, and therefore a 19% reduction in CO₂ emissions compared to traditional solutions.

DS Smith Light Wrap is characterised by a design with a double crease at its base. The first crease functions when the box is formed in the customer's forming machine. The second crease, less deep, is added, and functions when the box is compressed and stacked on a pallet. This design also allows the use of 19% less paper fibre than other solutions, reducing environmental impact and packaging costs without compromising product protection.

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■ Paper sector updates its Good Manufacturing Practice guidelines for increased product safety & minimising contamination risks

The newly published GMP guidelines aim to support the demand of the market and customers for increased product safety. The document builds on the achievements of a sector which has early on opted for an approach minimising contamination risks and allowing for transparent and independent assessment.

In 2010, paper and board producers gathered under Cepi, released two pioneering guidelines for the manufacturing of paper and board for food contact: Food Contact Guidelines and Good Manufacturing Practice (GMP). Since then, these have become a reference for the entire paper manufacturing and food value chain, helping it to continue a remarkable track record in preventing food safety incidents.

The GMP guidelines were based on the requirement of the Commission Regulation on materials and articles intended to come into contact with food (EC1935/2004), and the EU Regulation on good manufacturing practice for materials and articles intended to come into contact with food (EC 2023/2006) that all materials and articles intended for food contact “shall be manufactured in accordance with Good Manufacturing Practice”. Because the GMP Regulation applies to all types of food contact materials and articles, there is a need for specific advice on its implementation in each manufacturing sector. Cepi’s GMP guidelines provide advice for implementation by the paper and board manufacturing industry of a set of good manufacturing practices which is compliant with that Regulation.

This is the first update of Cepi’s GMP since 2010 and benefits from the experience gained by the paper and board industry, and should be read in conjunction with the also recently updated Cepi Food Contact

Guidelines. Cepi’s GMP guidelines provide a roadmap to guide paper and board producers to implement a good manufacturing system for food contact materials and articles in accordance with EC 2023/2006, while serving as guidance for those auditing those systems. In addition to the provision of the GMP Regulation, Cepi’s GMP guidelines also cover the implementation of risk assessment within the GMP quality assurance system.



These updated Cepi GMP guidelines are being released in a context where the market for recyclable and bio-based food packaging solutions has been rapidly developing, in answer to an increasing demand for sustainable products, while fossil-based alternatives are being phased-out. The main raw materials for paper and board are naturally occurring cellulose fibres with inherent hygienic properties, making it very different from other materials being used for food contact. Another difference with other food contact materials is that paper and board manufacturing is mostly mechanical, rather than chemical, as well as being highly recyclable.

Metsä Board has developed a lighter gift package

New solution for high-quality gift packaging

Metsä Board's Excellence Centre provides a functional setting for co-creation workshops, where the Packaging Design team works to improve current packaging or to create new solutions, based on the needs of the customer. As a result of one of these co-creation workshops, Metsä Board has developed a lighter gift package that has strength features close to those of current rigid box solutions.

The characteristics of the new packaging solution are based on microflute corrugated board. The packaging consists of a separate base and lid. Its surface liner can be either uncoated white kraftliner, or coated white kraftliner, of which the latter gives the package excellent printing properties. The packaging solution is designed to be production efficient and suitable for mass production on current production lines.

The new gift packaging solution is especially suitable for cosmetics, chocolate, or beverages and other premium products. The current rigid box gift packages are largely manufactured in Asia, but with new micro-flute solution, locally produced, high-quality packaging can be offered to the European market.

Apart from lightness, the new packaging solution helps our

customers reduce the carbon footprint of their products. Since no harmful adhesives or other plastic laminates are used in the packaging solution, its recycling is even more efficient..

Both plastic reduction and lightweighting are the core of the Packaging Design team's work. Metsä Board also has an entire team of sustainability specialists helping customers compare packaging materials and designs, calculate emissions caused by the packaging and find solutions which enable lower environmental impacts. The Sustainability Services team compared the new micro-flute solution to recycled fibre-based rigid box solutions traditionally used in gift packaging and found it to be up to 50% lighter in weight. They also calculated the carbon footprint (cradle-to-gate) of the new solution and found it to be 59% lower compared to traditional solutions

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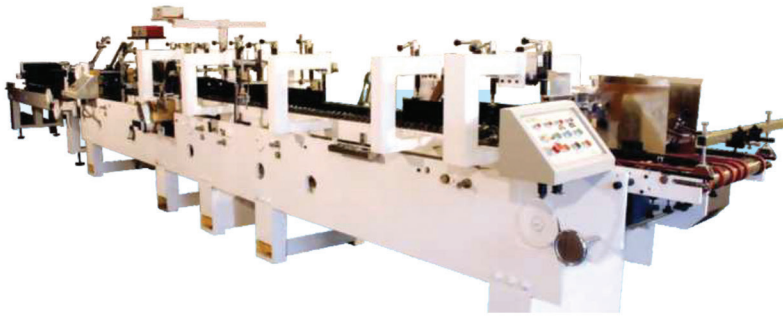


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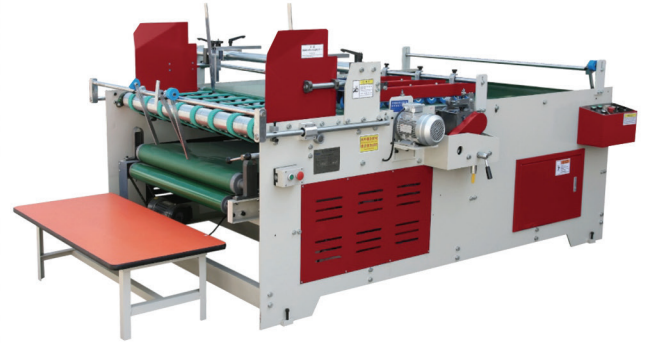


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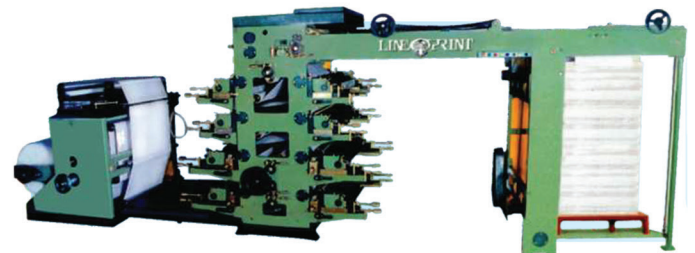
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■ Celebration adds sustainable bamboo fibre cups to its EnviroWare® range

Celebration Packaging has introduced a new range of double-wall hot drink cups made from sustainable bamboo fibre, under its long-established EnviroWare® brand.

“Ever since we created the EnviroWare® brand, over 14 years ago, it has been our mission to seek out more sustainable packaging solutions, and these are our most sustainable hot drink cups yet,” says Celebration Packaging.

The new cups are made from FSC® certified bamboo fibre – with a water-based lining – and are certified commercially compostable (DIN EN 13432:2000-12).

Bamboo is one of the world’s fastest growing plants and can grow as quickly as two feet per day. Across the foodservice category, cafés and food-to-go outlets are seeking more sustainable solutions and with bans and taxes in place or on their way, consumers are turning away from single-use plastic products. The demand for sustainable EnviroWare® products, such as bamboo fibre cups, will continue to grow. If foodservice operators are looking to improve their sustainability credentials, they need to work with a consultative supplier to ensure that they’re choosing the right packaging – that is functional, fit for purpose, popular with consumers and above all, sustainable.

The new range of insulated, double-wall cups are available in popular 8oz, 12oz and 16oz sizes, and accessories are also available, including: compostable domed lids, to fit all cup sizes, made from moulded



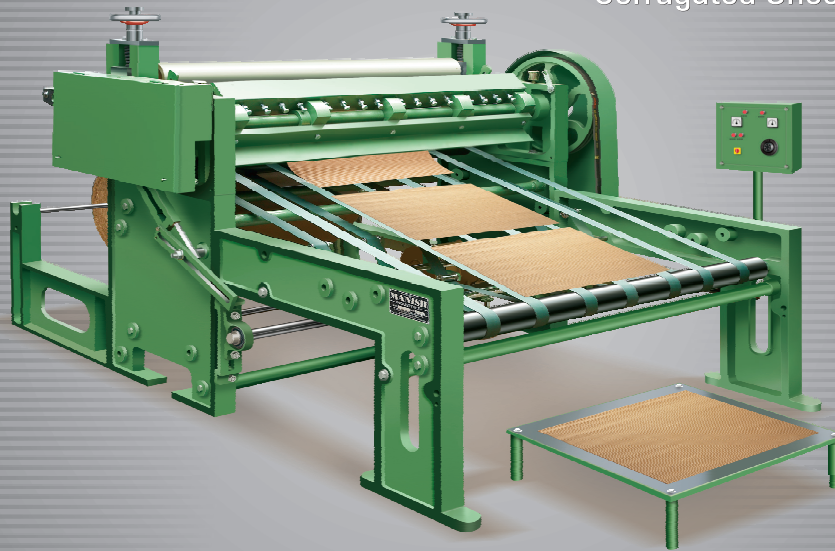
fibre (bagasse) or CPLA; kraft coffee sleeves; and wooden drink stirrers.

These new bamboo cups feel great to the touch and the bamboo design is sure to get consumers asking about the product’s environmental credentials. Alongside the bamboo motif, the design states that the cups are made from sustainable resources and can be composted where facilities exist. It also features both the instantly recognisable ‘Commercially Compostable’ and FSC® logos.

Source of articles & pictures: the packaging portal/indian express.com/the hindu/encyclopedia britannica/google/pixabay

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Macfarlane launches new rapid box assembly system

Macfarlane Packaging has confirmed the launch of an innovative new rapid box assembly system that helps packers build cardboard boxes in seconds and increase packing efficiency by up to 70%. Created by Macfarlane's Innovation Lab team, the new patent-pending solution has been designed to increase operational productivity by reducing manual box assembly times from 10 seconds to less than three seconds.

The packaging equipment will be made-to-order for customers and works with exclusive box designs that have been optimized to provide more performance strength while using less material – increasing pallet fill and reducing transportation costs /CO2e. The 3D printed units can quickly assemble boxes up

to 400 x 300mm, with variable options on depth. This makes the solution ideal for online and multi-channel retailers packing a high volume of small parcel size packages. The solution provides an affordable alternative to using more costly crash-lock boxes. Head of Design, commented, "With an increasing number of businesses trying to balance the complexities of supply chain efficiency and operational cost reduction alongside sustainability this is a potential gamechanger for some Macfarlane customers. The rapid box assembly and exclusive box designs were developed at our Innovation Labs and represent an opportunity for customers to reduce pack times, lower costs, cut material use and lower overall CO2e associated with their packaging."

Mr. Rahul Tyagi

MANAGING DIRECTOR
KALKA ENGINEERING WORKS.,
DELHI



Q Let's begin with a glimpse of your company's presence and offerings in India?

Kalka Engg works also known as Kalka Heaters, was established in 1981. We have 40 + Years of Experience in redefining the Heating Solution for the Industry.

We manufacture entire range of Industrial Heating Element including:

- Corrugation Tubular Heaters
- Zone Heating System
- High Speed Corrugation Tubular Heaters
- Temperature Controller Panel
- Automatic LPG Heating System
- Smallest Box Drying Conveyor
- Electric Heating System for 3/5 Ply Plant
- Gas Heating System for 3/5 Ply Plant

Q What are the future plans of company?

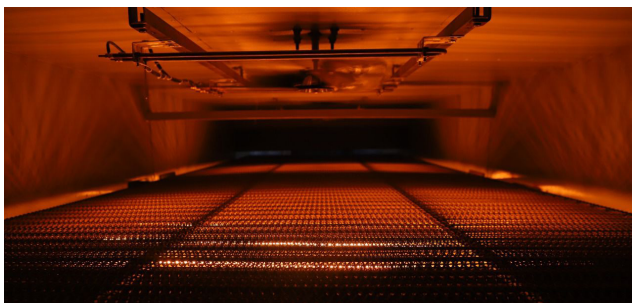
Our future plan is to make Kalka Engineers a preferred brand in heating industry at domestic & global level. To achieve this target, we are indulging in various types of testing & experiment.

Q Describe your new initiatives?

Recently we Developed Smallest Box Drying Machine in India (8 FT Only) for Corrugation Industry.

Q Describe in detail the features of this Box drying machine? And the technology used in machine?

The size of this Smallest Box Drying Machine is very compact with these specifications:



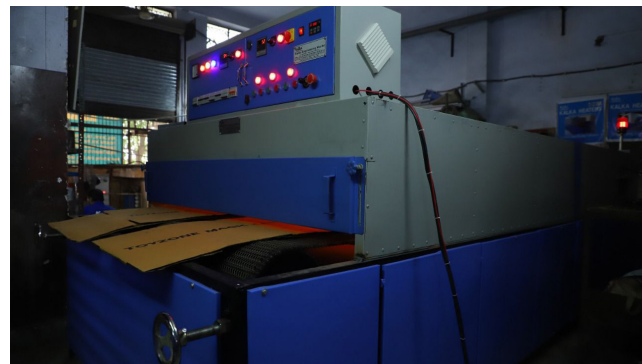
Total Length – 10 ft

Heating Length – 8 ft

Width – 6.25 ft

In this we use Nitrogen filled infrared heating technology which reduce the Moisture of the box by 10- 15% and its Total load is 15 KW only, hence its cost efficient as well.

Q What is the key competitive advantages for your customers who choose to buy your products?



The key competitive advantages for our customers are:

- We always endeavor to change and modernize the Machinery and equipment as per the current technology, to increase the product Quality and efficiency
- Regular training of personnel is always undertaken to enhance their knowledge
- We have most modern machinery and equipment along with experienced engineers and staff to give best quality and On Time Delivery.
- We have service centers at Kerala, vapi, Kolkata, Chennai to give on time service.

The wide portfolio of our products gives us edge for our customers to choose as per their requirement.

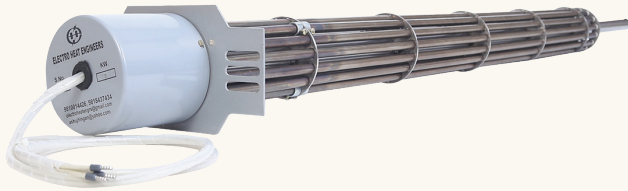
In Past one Year 40+ Machines has been installed with 100% success rate and zero Complaints.



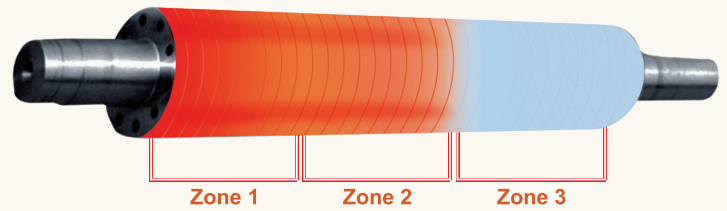
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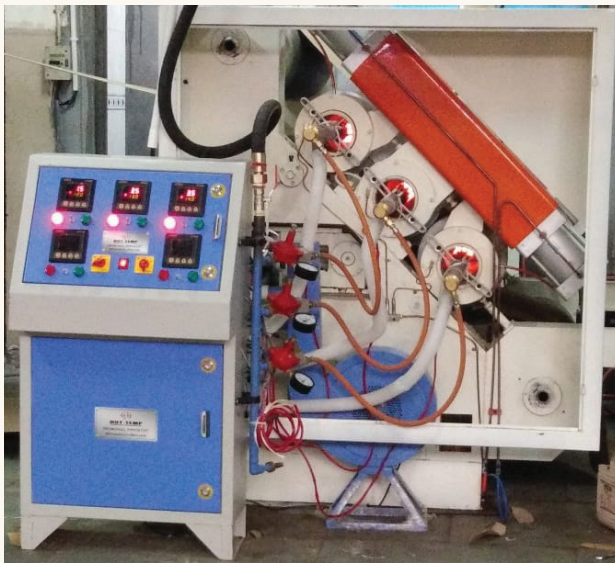
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Xcheck DCM reads 2D barcodes to monitor product mix-ups in flatbed die-cutters

Baumer hhs has introduced the Xcheck DCM (die-cutting monitor), its latest-generation camera system for monitoring product mix-ups in flatbed die-cutters – and yet another innovation that the company has brought to market for folding carton manufacturers.

This new high-end quality control system can reliably read and decode not only 1D barcodes, but also 2D data matrix and QR barcodes.

“Customers in the folding carton industry have wanted the option of using 2D barcodes to monitor product mix-ups in die-cutters for a long time,” “But this method of quality control places high demands on the capabilities of the camera equipment and on decoding the data it reads. This hurdle is cleared with our high-end SmartCam DCM camera, developed by the experts specifically for the Xcheck DCM system. The camera’s high read rate is perfectly attuned to our latest-generation Xtend3controller. With this solution, flatbed die-cutters can now be monitored for product mix-ups using 2D barcodes at maximum production speeds.”

Two-dimensional data matrix and QR codes offer the advantage of storing a lot of data on a small area. They take up little space, for example on the glue flaps of pharmaceutical or food packaging. Compared to conventional 1D barcodes, they can be of lower contrast and are readable even if parts of the code surface are damaged (maximum 30%). They can also be read in any position. These advantages increase reliability in reading the codes, and therefore in the overall process of monitoring product mix-ups.

“Our new SmartCam DCM works with monochrome detection, which permits extremely fast decoding and analysis of 2D codes. If a wrong sheet is detected, the Xcheck DCM can stop the die-cutter before the sheet reaches the grippers of the feed unit. The machine operator can remove it from the feeder table and immediately restart the die-cutting process. In short, the Xcheck DCM rules out the risk of die-cutting the wrong sheets and of these blanks advancing to your folder gluer,” says Scharf.

Because the SmartCam DCM is a matrix camera, it can reliably read codes even if sheets are still moving

slightly. This means the Xcheck DCM is also suitable for use in the newest die-cutters, which are equipped with register systems that position sheets while they are in motion.

The Xcheck DCM can monitor product mix-ups from top or bottom. The latter configuration is required, for instance,





when processing blister packs with back printing, pharmaceutical packaging with inside printing or laminated and printed microflute. For these applications, the system can be flexibly adapted to customer needs. The same applies to sheetfed die cutters with dynamic feed systems. Finally, the new camera can easily be integrated in existing die cutters as a standalone system to monitor product mix-ups. In this case, the SmartCam DCM can be flexibly positioned using machine-specific adjustable crosspieces.

The Xcheck DCM is operated from a 15.6" touch display that runs the Xtend3 operating software from Baumer hhs. It offers the same intuitive ease-of-use which is already so well-known in the market from Baumer hhs's Xtend3 controllers, and which customers all over the world have come to rely on. Xtend3 also displays statistical information for machine operators

that indicates if they need to intervene in the process.

Xcheck is the name of the product line under which Baumer hhs develops and markets sensors and camera systems for quality assurance in packaging production. "Xcheck DCM is another step on the way to zero-defect production in the folding carton segment. In fact, a lot speaks in favour of performing an initial check for product mix-ups during the die-cutting process. Filtering out mixed-up sheets at this early stage benefits the productivity of the folder gluer. In addition, folder gluers that run continuously are more reliable in achieving consistent quality. But because mix-ups can still occur after die-cutting, it's important not to eliminate the check in the folder gluer," Scharf adds.

In addition to 2D data matrix and QR barcodes, the SmartCam DCM also reads standard, Pharmacode and EAN/UPC barcodes.

C&T updates PlayMatrix 4.0 cutting system

For 2023, C&T has updated the PlayMatrix machine (pictured left) adding a more powerful processor and has also changed much of the body of the machine from steel to aluminium to save weight.

This Italian manufactured electropneumatic machine, made by Mito, is a patented system for accurate cutting of multiple creasing matrix. It is composed of six different tracks and can cut and store six matrix reels at the same time. It has a measuring and transport system, an adjustable driving device for each track and a cutting device. All pieces are cut and remain attached as a chain for simple application.

It can be used in manual mode to cut single pieces,



or a series of pieces of the same size, or in automatic mode to cut different sizes and different types of creasing matrix, using instructions generated by manual input or by reading of a DXF file.

The PlayMatrix gives great benefits over manual cutting of reduced wastage and provides more accurate and efficient cutting. All customers who use the machine report on how much time they save during make ready, typically cutting the time to prepare the matrix on the cutting die by over 50%. With a relatively low cost these machines can give a ROI in approximately 12 months."

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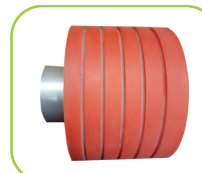
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■ Metsä Board collaborates with industry experts to create lightest pizza box

Metsä Board has collaborated with Futupack and Adara Pakkaus to create a food-safe packaging that would reduce both material and printing ink usage, benefitting the environment without compromising performance, function or print quality. The result is a high functioning pizza box that is possibly one of the lightest in the world with this kind of performance. The innovative solution was showcased to the global packaging industry during Interpack.

Compared to traditional solutions, the weight and material consumption of the box have been reduced

by approximately 30%. The fresh fibre MetsäBoard Natural WKL Bright used for the box weighs 80 gsm. Despite the reduced weight, the E-flute corrugated box's structure provides the box with the necessary rigidity and the fresh fibre material the necessary purity to carry a freshly baked pizza. All the corrugated board layers are made of the same material, which makes the production logistics efficient too.

The lightweight substrate provides a better, safer, and more sustainable solution for food-grade applications.

It is a fully bleached, uncoated white kraftliner suitable for flexo, offset, and digital inkjet printing and is available in a basis weight range of 70-160 gsm.

Compared to traditional solutions made of recycled fibre, the weight of the fresh fibre pizza box made of MetsäBoard Natural WKL Bright was up to 38% lighter and its carbon footprint up to 50% lower.



ABOUT ICPMA

ICPMA is the India's first Paper Corrugated & Packaging Machinery Manufacturers Association. The ICPMA founded in 2014 at New Delhi (India) it is a modern and dynamic forum, providing opportunities to all Indian manufacturers engaged in Corrugated Packaging Machinery Business in global basis. Each member is encouraged to contribute to the ICPMA by actively providing current news, papers on new initiatives, or speaking at conferences and seminars. The ICPMA is run by G.C. Members who are passionate about improving our Country's Technology related to Corrugated Industry. The ICPMA wishes to ensure that all of those joining our association will improve their business for future generations.

ICPMA has played leading role in the development of Indian Corrugated Packaging Machinery Industry which is back bone for Corrugated Packaging Industry in India.

Valmet to rebuild ITC's board machine in India

Valmet has confirmed it will supply a rebuild for ITC Limited's board machine PM 1A at their Bhadrachalam mill in Telangana, India. The start-up is scheduled for the second quarter 2024.

"ITC is the frontrunner in the Indian paper industry, applying the new technology to fulfill our customers' needs. The goal of the PM 1A rebuild is to produce higher basis weight packaging grade for increasing the production to meet the future market demands.

The rebuild will improve production capacity and quality of the base board, which will result into excellent coated board quality. In 2018, Valmet carried out an extensive rebuild of the customer's PM 1 that

produces folding boxboard.

The modernisation will include an OptiFlo Fourdrinier headbox, modifications in forming section, an IQ Dryness Measurement, a press section rebuild, an IQ Steam Profiler and a coater section rebuild with an OptiDry Coat and an IQ Induction Profiler.

After the rebuild, the PM 1A will be capable of producing high quality solid bleached board (SBS), folding boxboard (FBB), art board grades (ART) and cup board (CUP) for consumer packages, with basis weights from 180 to 420 gsm. The wire width of the machine is 3.76m, and the machinery has been designed for a production speed at reel of up to 600 m/min.

Parksons Packaging acquires Fortuner Packaging

Parksons Packaging confirms that it has completed the acquisition of Fortuner Packaging.

Founded in 2012, Fortuner Packaging manufactures folding cartons primarily catering to Pharmaceutical, Home & Personal Care, and Automobile customers through its two manufacturing facilities in Baddi, Himachal Pradesh.

The acquisition of Fortuner Packaging will fortify Parksons Packaging's position in the folding carton market in India. Fortuner Packaging's existing manufacturing facilities will deepen Parksons' presence in North India. The senior leadership of Fortuner Packaging will continue with the business



and be part of the future growth journey with Parksons.

With this acquisition, Parksons now has pan India capability to serve pharma customers across pharmaceutical manufacturing hubs. Parksons now has dedicated pharma manufacturing cells in Daman to serve West India, Guwahati to serve East India, Sricity to serve South India, Pantnagar and Baddi to serve North India."



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■ Easily recyclable trays from Metsä Board helps cut carbon footprint

The inner tray of the praline packaging requires a barrier board since it is in direct contact with the frozen product. In the past this has been solved by using a PE layer on the board but in order to reduce plastic, the recommendation was the use MetsäBoard Prime FBB EB.

The Life Cycle Assessment LCA shows that switching to the dispersion barrier board would reduce the cradle-to-gate including end-of-life carbon footprint of the packaging by an astonishing 32%

MetsäBoard Prime FBB EB reduced the weight of the tray by 0.2 grammes, which might not sound like a lot, but translates into 5% less paperboard per tray. In terms of carbon emissions, the LCA showed that replacing 100 tons of PE-coated paperboard with Prime FBB EB enables an annual emission reduction equivalent to 15 cars driving for 20,000 km.



■ Newtown is the exclusive distributor of FUZE™ Tape Machines

Newtown Packaging Limited has confirmed it is the exclusive distributor of FUZE™ Tape Machines. With FUZE™ you can apply double sided tapes up to 12 times faster than by hand to your print, packaging and POS/POP display materials.

The FUZE™ range of tape machines can rapidly apply double-sided tapes to many different material types. Each model utilises effective user interfaces, allowing for rapid setup times and maximum versatility. The primary market is the print, POS/POP display, packaging and plastics sector, however they often supply machines for niche applications too.

Each FUZE™ machine provides a cost effective solution to increase tape application productivity, reduce manual labour costs and increase accuracy of



the tapes being applied. All FUZE™ machine models are manufactured in Europe, using only high quality parts and components.



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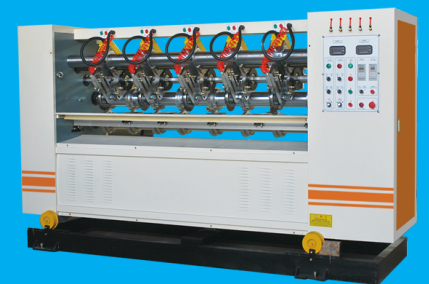
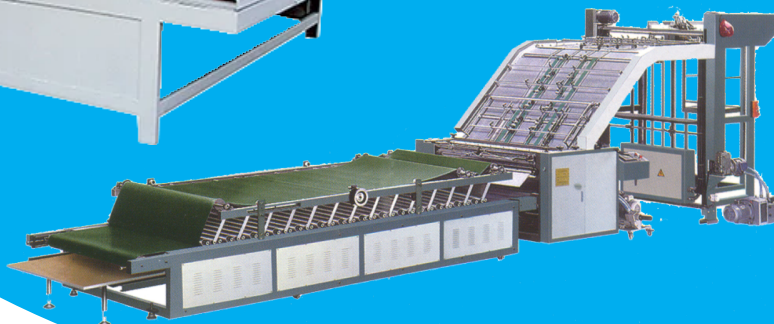
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ronak parikh

Heidelberg unveils new Boardmaster at Interpack 2023

Heidelberg used Interpack to unveil a world premiere for the growth segment of high-volume folding carton printing with the completely new HEIDELBERG Boardmaster.

This flexographic web printing system with a machine availability of up to 90% and a maximum printing speed of 600 m/min delivers double the productivity and reduces the total cost of ownership in industrial packaging production.

As the global demand for packaged goods continues to grow, packaging and label printing is experiencing

structural growth, making it an important core segment for Heidelberg. Boardmaster is responding to the key customer challenges in the packaging market – cost pressure, the skills shortage, and the need to optimize productivity and sustainability.

The Boardmaster enables industrial packaging producers to significantly reduce their operating costs. With its numerous benefits for customers, the Boardmaster also provides an attractive alternative for many users who have so far opted for VLF – very large format – sheetfed offset printing.



New mill for Aryan Paper in India

Aryan Paper Mills Private Limited has confirmed it is proceeding with the setup of a new paper mill in Gujarat, India.

The company has signed an MoU with the Government of Gujarat to streamline the registration

and permissions procedure for the new mill, whose civil work is in process. The mill will be equipped with a 5.1m Valmet/Kadant paper machine, which will produce recycled containerboard. The mill is expected to start-up in 2024.

DS Smith and Laylo partner to deliver elegant design solution



Laylo, a premium boxed wine retailer, was seeking the right partner to design a packaging solution that not only looked great but would ensure no damage occurred to the product while in transit. A problem, the founders say, that was occurring frequently and compromised the premium, more sustainable unboxing experience they had hoped to deliver.

The new packaging needed to be planet safe without compromising its core function of preventing damage to the wine. To do this, DS Smith's Creative Design Team created a strong, protective, yet elegant design solution.

By offsetting the inner wine packs at an angle, DS Smith was able to reduce the number of exposed edges and corners that could potentially be damaged. The inner fitting works in harmony with the wine packs and the outer pack to cradle, support and protect the product from any drops, impacts and shocks.

Apart from the sustainability benefits of boxed wine Laylo wanted every box to arrive in perfect condition, and for the unboxing experience to demonstrate the quality and expertise behind the brand.

As well as ensuring the wine was protected while out for delivery, enhancing the customer opening experience was also a priority for Laylo. DS Smith therefore combined print and structure, with a two-step open and reveal – that demonstrated Laylo's commitment of care for the customer and product.

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■ You must take calculated risks in order to achieve what you want..

It's all about the first step because after that very first step you learn. You must take calculated risks you must get out of your comfort zone because that is what will get you to where you want to be," said the 16-year-old student at the European School of Georgia

In an inspiring speech, speaker Sophie Darchiashvili, a 16-year-old student at the European School of Georgia, shares what it's like to think like a risk-taker, how others can become risk-takers, and how it is linked to the importance of decision-making.

"The two per cent of people, who will live their dreams, are risk takers and I consider myself to be one because I don't mind making mistakes or failing because I know at the end of the day, I will get success even if I keep failing and making mistakes and I will get what I want," she said.

She continued by saying that everybody makes mistakes. It is these mistakes we learn from and the failures that teach us not to make them again, Sophie said. "The way I look at it is, I will not grow if I'm not willing to risks, if I won't grow I won't become my best, if I can't become my best then I can't be happy. And I don't want that because all my goals and resolutions revolve around being happy. I will do whatever it takes. I will keep taking risks until I achieve my desired results."

"When we are children, we do this all the time. If we're going to learn how to walk or talk or even how to ride a bike. This requires us to get out of our comfort zone, whether we like it or not. However, as we get older, we rarely do this, which is one of the biggest mistakes we can ever make because it's these small decisions that will take you where you want to be," she added

The 16-year-old suggested stopping overthinking and asking yourself 'why not?' instead of 'why?' For example, if you want to talk to a group of people and

make new friends, instead of asking why, ask yourself why not?

"You will be in the position to ask yourself these questions many times in your lives and I want to encourage you to start asking them because from that very first step, whatever you want will happen – whether the outcome is good or bad. The thing that will matter is that you did it and it's all for the experience," she said.

She spoke about the two types of risk takers—normal and the ones who calculate before taking the risk. And there's a big difference between these two. As per her, the biggest reason why people who start their own businesses or become entrepreneurs fail within the first five years is due to bad decision-making. "Now, decisions influenced by emotions are usually bad ones. However, I'm here to tell you otherwise. It's not the emotional charge that is the issue. It's the fact that we don't recognise our emotions as differentiated, appraised, and used sources of information. The most important realisation is how effectively we can control our emotions," she continued.

"You might say that those who suppress their emotions are more risk-seeking than risk-averse but that would be wrong because according to research, emotional suppression does not reduce risk aversion. It is about how we can control these emotions. Also, I would like to say that cognitive representatives use their decision-making and their risk-taking in order to achieve good results. So, this means that you must take calculated risks in order to achieve what you want," she added

"I want to tell you that it's all about the first step because after that very first step you learn. You must take calculated risks you must get out of your comfort zone because that is what will get you to where you want to be," she concluded.

“Calculated risks are risks with a plan.”



■ Zünd wins the 2023 Red Dot Award for Product Design



Zünd Systemtechnik AG has won the 2023 Red Dot Award for Product Design for the newly launched Q 32-32 D cutter. The Red Dot Design Award is an internationally renowned prize for high-quality design.

The new Q-Line with BHS180 was presented to the public for the first time in April 2023. Topping off the market launch, the product has now won plaudits from the international jury of experts for the annual Red Dot Design Award. The 43 independent jurors individually assess criteria such as the degree of innovation, ergonomic comfort, product silhouette, symbolic and emotional value, quality consciousness and the environmental credentials of a product.

The new Q-Line generation of cutters is the result of a completely new design concept based on a distinctive style. The precisely dimensioned tools, slightly inclined towards each other, define the shape and create a balanced look. Side casings frame the high-performance machinery. Advanced technology such as the fully automatic tool changer sets it apart and is integral components that add to the cutter's dynamic appearance. The controls and the new control panel are ingeniously configured, ergonomic and visually appealing. This combination of design and technology makes the machine the perfect solution for highly automated and efficient digital cutting for industrial applications.

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6 Strange But True Health Tips

Medically reviewed by Dr. Nikita Toshi

The very mention of health tips brings to mind the regular ideas – drinking hot water, avoiding junk food, sleeping on time and so on. But these are the conventional ones and are done to death. No, we are not saying that these are not effective anymore, they are! But in this article, let us look at health tips that are unconventional; tips that might seem counterintuitive to you, even funny! They may be strange health tips but super useful! The following health tips might leave you a little confused, but they do work:

So, let us look at 11 strange-but-true health tips:

Health Tip #1 Want to nap better? Just drink coffee!

According to the Japanese, they conducted a survey where people took coffee naps, i.e. by consuming 200 mg of coffee and then take a 20-minute power nap or rest. These people felt more alert and did well on their tests.

When one consumes coffee, the caffeine kicks in and clears the adenosine, a molecule in the brain that triggers alertness. So, when Adenosine levels increase, they make one more tired. Therefore, napping at this time helps to flush out the adenosine and drinking coffee, reduces the effect of the molecule further. This results in better naps!

Health Tip #2 To eat less, eat more

Are you someone who believes that eating a small packet of chips or pretzels or a tiny slice of cake will not affect their diet or harm their weight? But these sweet and salty snacks only make you hungrier and you end up eating more as the small amounts of carbs spike your blood sugars and leave you hungry. Therefore, it is essential to have a protein-rich snack or meal such as paneer chat or lentil soup. These may be higher in calories, but the quality of consumption becomes less as the protein and fat help you satiate hunger faster and feel fuller.

Health Tip #3 Tired? Stay away from energy drinks

There are umpteen reasons why we reach out to grab an energy drink. What we don't realize is that an energy drink has at least five times more caffeine than coffee. The energy boosts they give us are fleeting and pass soon.



But these are not without side effects namely irritability, palpitations, increased heartbeats and nervousness. These drinks also contain very high levels of taurine – a stimulant

for the central nervous system and 50 gms of sugar per can/bottle. The sweet juice or aerated drink will spike your blood sugar levels, give you an energy rush but crash soon, leaving you tired and dizzy.

Health Tip #4 Tired? Exercise!

Think we have gone cuckoo in the head? When you feel tired and are exhausted at the end of a long day, it is the best time to exercise. This is because sweating it out will energize you. It also helps to keep depression and fatigue at bay.

Health Tip #5 Wish to improve your brainpower?

Maintain a journal
During meetings or lectures, often people take notes, i.e. they handwrite in their diaries. This helps people remember more. It also means that the information has been processed and the process of learning has begun.



Health Tip #6 Say no to antibacterial soaps

This goes against everything we have ever learnt about cleanliness and hygiene, isn't it? Apparently, even though people use antibacterial soaps to wash their hands, it doesn't necessarily reduce the risk of bacteria affecting us or preventing illnesses. In fact, there is no proper evidence for this claim. Also, these antibacterial soaps may contain triclosan which in the long term can cause hormonal imbalance.

Disclaimer: This information is for educational purposes only and is not intended to be a substitute for medical treatment by a healthcare professional. Because of unique individual needs, the reader should consult their physician to determine the appropriateness of the information for the reader's situation

Embossing solutions from Marbach

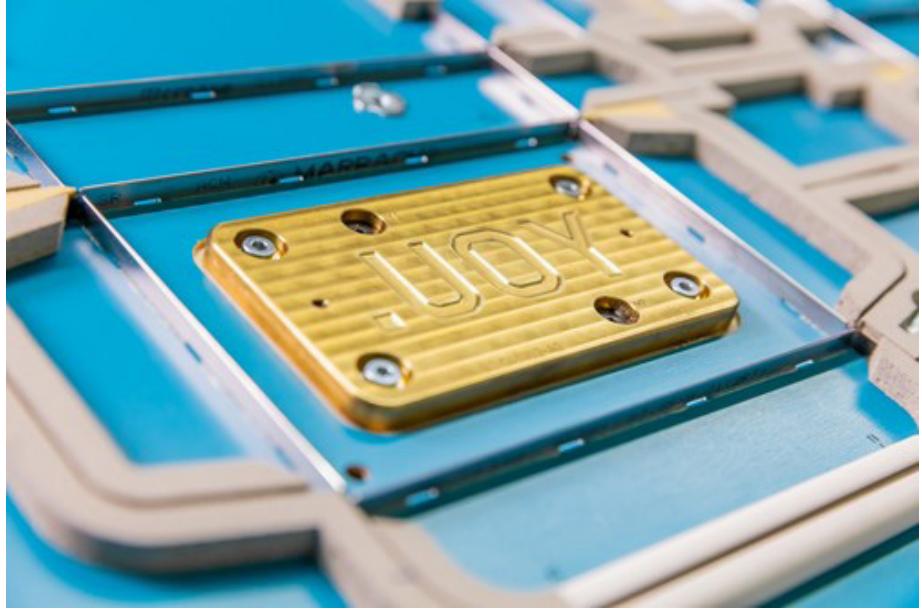
Marbach has an extensive portfolio of embossing technologies for its customers to choose from. With these, a wide variety of embellishment designs can be applied to packaging.

Embellishment technology embossing is mainly used for high-quality consumer goods, confectionery and cosmetics packaging, but of course also in the cigarette industry. In addition to the two types embossing and debossing, a difference is made between 2D and 3D embossing. 2D embossing is embossing on an embossing plane, whereas 3D embossing, on the other hand, is implemented in several stages, so that embossing takes place on several levels.

Another option for packaging finishing is hotfoiling. For high-end packaging with particularly high demands on finishing, a combination of embossing and hotfoiling is often used.

Marbach has the advantage of being a full-range supplier: we supply embossing and cutting-dies from one source. This way they can offer our customers the right embossing solution and so fulfil their every requirement. Of course, it is always important with embossing that the embossing perfectly matches the print image. Here they have special solutions for customers – for both embossing and hotfoiling – which not only ensure that the register is perfect, but also that set-up times are as short as possible. Thus ensuring maximum performance when using embossing and flawless packaging at the point of sale.

There are many different factors to consider when embossing paperboard. To support its customers in finding the right embossing application, Marbach has created a whitepaper that covers embossing in



depth. It also explains what users should look for when choosing embossing designs and embossing plate materials.

With profound grief and sorrow,
we inform that our beloved mother

Sardarni Harjinder Kaur Sandhu
W/o Late S. ONKAR SINGH SANDHU has
completed her journey of life and left for her
heavenly abode on 5th June, 2023



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Start your day on a positive note with these tips!



Every day is a new beginning, so make the most of every new day! But how do you do this? Putting better habits in place for the morning will leave you more energised and in control throughout the day. With these tips you can start every morning with a smile!

1. Going to sleep happy

I think that one of the most important elements to waking up happy is going to sleep happy! This can be accomplished by having a healthy, gratitude-filled bedtime routine. For example, this type of routine might include saying a list of gratitude statements to yourself or your partner, refraining from listening to upsetting news stories at bedtime, keeping technology out of the bedroom, and/or playing gentle music. All of these techniques work well to have a good sleep. And when sleep is peaceful, you naturally wake up feeling refreshed and ready to embrace the day.

2. Just say no to snoozing

Did you know there's a word for hitting the snooze button over and over? Me neither. But it's called drockling, and it's not a good thing!! Drockling confuses your body's internal clock so it's hard to wake up refreshed. When you finally do roll out of bed, you're more likely to be groggy and cranky. And is that really how you want to spend your morning?

Instead set your alarm 15 minutes earlier. By setting

your alarm early, you don't have to jump out of bed and rush through your morning. You can begin your morning by lying in bed, slowly waking up. It's just as important to prepare yourself mentally as well as physically for your day. These few minutes in bed, before anyone else is up, are all yours.

3. Smile

This is the simplest thing to do. One smile can trick your mind into feeling happier. When you smile, your body releases endorphins and serotonin, which make you feel good.

4. Start the day with love

Every happy morning should begin with a loving hug from someone you love. When you wake up in the morning, your brain is still fuzzy and tired. You are still a "blank page" for this day. Nothing has affected you in any way. The first thing you should think about is about someone or something you love. That will make you feel happy and loving. There is nothing like a few minutes in bed hugging your spouse, children, siblings or even your dog or cat. Connecting with the ones you love soothes stress and provides you with a positive start to your day, as well as keeping you focused on what's really important. The love with which you start the morning will have a lasting affect throughout the day.

5. Release some tension

The more relaxed you start your day, the more powerful and energized you will feel. Make sure you start your day without stress. Release your tension by immediately doing some exercise (10 minutes of running could be a great way to wake up your body). You could also opt for some breathing exercises, some yoga or stretching or to meditate for a short while at sunrise.

Do you have lots of worrying thoughts or do you feel stressed? Then put them down on paper, by writing them down it helps you to let go.

6. Make your morning work for you

Who's in control when you wake up – you, or your morning routine? Many days, it may seem like the latter, but you can change that. Make mornings work for you by eating right, avoiding your electronics unless there's an emergency, and prepping clothes and meals ahead of time.

If you're one of many in your home, don't be a morning martyr. Enlist the entire family to work as a team to make the morning rush less stressful.

7. Prepare A Healthy Breakfast

Don't be tempted to skip breakfast! It is in many ways the most important meal of the day. Instead, make something fresh and healthy that's packed with vital nutrients.

Some people swear by green smoothies, while others prefer to cook up hot porridge or boil an egg. As long as it's good for you and giving you a decent reserve of fuel for the day, you can let your personal taste dictate what you have.

8. Plan your day

Hang a large calendar or white board in a prominent position in your kitchen. On it write everything you need to know for that particular day, from kids' activities to whether the guy is coming to service the furnace to whether it's time to pay bills. Check it out carefully while you sip that first cup of coffee or morning tea; it will help you structure your day in your mind and avoid the stressful effects of forgetting something important.

9. Wear bright colours


Wearing a pop of colour will immediately brighten your mood and it has the ability to enhance someone else's mood when they are with you. If you're feeling sad, wear yellow. Yellow is considered the brightest and most cheerful of all the colours. If you're feeling anxious, choose something more soothing like lavender or light blue.

10. Plan something nice for the evening to look forward to

I think it is important to have something to look forward to every day. In addition to any big things you might have organised in the long term (such as a holiday), it is important that you do something that you feel like doing every day. It will give you a positive vibe all day long.

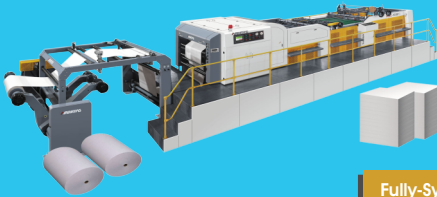
So, if you don't have anything special in mind, try to think of something. It may be that you want to watch a movie, work out or finally make some time for your hobby. Or you might just really enjoy an evening of doing nothing at all!

Make sure the day has something fun in store for you. That keeps you happy and motivated throughout the day!



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Heidelberg US introduces Press Maintenance training courses

After a successful start-up of its comprehensive operator training programs, HEIDELBERG has introduced two new courses designed to turn its customers into 'first responders' when it comes to mechanical and electrical maintenance issues on press.

days and will have a maximum of six participants to ensure proper comprehensive training. Level 1 trainings are designed to introduce the basics of mechanical and electrical training while Level 2 is designed to turn participants into 'first responders' to address press maintenance issues.



The company cites industry demand for the courses that stems from years of unavailable press maintenance and repair training at technical schools. Heidelberg's new certified training will teach technicians how to assess, fix, and avoid press problems to prevent unnecessary downtime.

Currently available for the Speedmaster XL 105/106 and 145/162, Heidelberg's Sheetfed Mechanical Maintenance and Sheetfed Electrical Maintenance courses are multi-phase training programs offered in the company's Print Media Performance & Training Center (PMPTC) located at its North American headquarters in Kennesaw, GA.

Depending on the course, participants will develop a baseline understanding of the multiple mechanical and mechatronic systems or electrical control systems throughout the press. Each course lasts five

This type of training – specific to press repair and maintenance – has been a real need across the industry for years.

By becoming a 'first responder', participants will be educated on how to address certain mechanical and electrical issues before needing to call Heidelberg service. This approach will help printers reduce downtime waiting

for a service call and/or eliminate service costs. Participants of the training will also be better equipped to speak with the Technical Help Desk about issues as they arise.

They have looked at the cost of a service call and the customers' downtime. With suction head repair, for example, the best-case scenario is a part arrives to the customer, and the service tech arrives for installation next day. They've already lost 12-14 hours. If we can talk someone through the repair that's been through training, they've saved a half day of production, which is a huge return on investment.

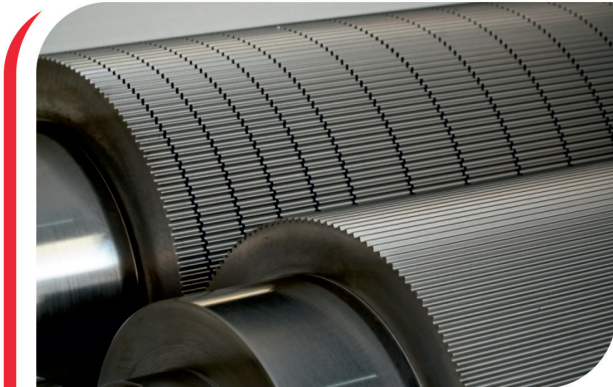
Looking ahead, Heidelberg intends to offer Level 3 classes as participants complete the initial two levels. Private classes for larger groups of participants from the same company are available upon request.



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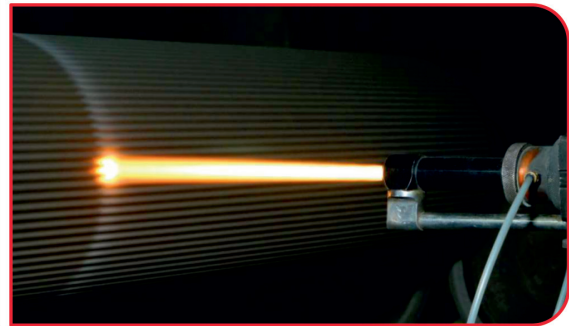
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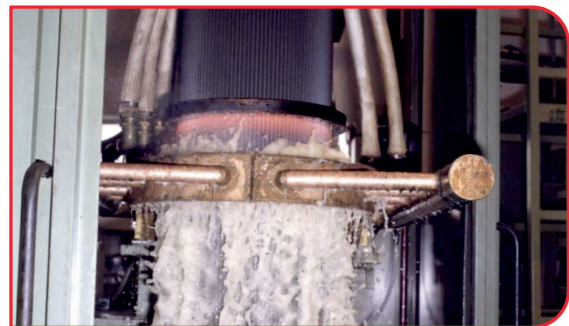
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■ Honeycomb Paperboard to Boost the Revenue over the Forecast Period (2023-2029)|

06-12-2023 06:16 PM CET | Advertising, Media Consulting, Marketing Research

Press release from: QY Research, Inc

P Honeycomb paperboard is made according to the principle of natural honeycomb structure. It connects the corrugated base paper into countless hollow three-dimensional regular hexagons by glue bonding to form a whole force-bearing part-the paper core, and the adhesive surfaces on both sides. A new type of sandwich structure environmentally friendly and energy-saving material made of paper. Honeycomb cardboard is popular in the market for its light weight, low price, high strength, recyclability and other characteristics, especially in developed countries and regions such as the Netherlands, the United States, and Japan. It has become a new type of green packaging that saves resources and protects the environment. Honeycomb cardboard boxes are ideal packaging for China's export commodities. Its popularization and application, on the one hand, can reduce the damage rate of commodities in the

circulation process; on the other hand, it replaces wooden boxes, which is conducive to environmental protection.

Global key honeycomb paperboard players include CORINT, American Containers and Grigeo etc. The top 3 companies hold a share about 32%. Europe is the largest market with a share about 35%, followed by North America and Asia-Pacific.

In terms of product, continuous paper honeycomb is the largest segment with a share about 56%. And in terms of applications, the largest application is furniture industry with a share about 38%.

Segment by Type, the Honeycomb Paperboard market is segmented into-Continuous Paper Honeycomb,Blocks Paper Honeycomb,Expanded Paper Honeycomb.

■ CITOSOL FREE is new from CITO

CITO has released CITOSOL FREE to complement the cleaning agent assortment. It is made from organic solvents and orange terpenes. The cleaning properties of CITOSOL FREE are identical to those of CITOSOL.

CITOSOL FREE provides convincing advantages: the cleaner does not require hazard labelling. This means it can be sent by air or courier easily, cost-effectively and quickly. CITOSOL FREE is characterised by its small percentage of solvents and therefore its high



flashpoint which is a major advantage especially in storage. Material properties and ingredients, from which the user also benefits when cleaning the cutting plate. When it comes to safety and compatibility, use of CITOSOL FREE is a clean solution.



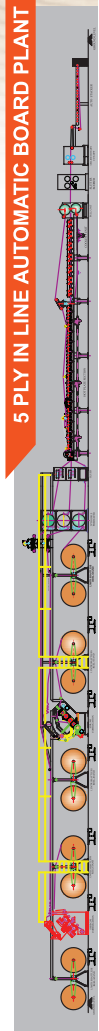
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Innovative paper bands from Mondi and ATS Tanner

Pondi has collaborated with ATS-Tanner to create an innovative paper band, which can hold individually labelled products or bundles reducing unnecessary plastic.

ATS-Tanner uses Mondi's kraft paper Advantage MF SpringPack and converts it into a band by adding a functional barrier on both sides of the paper. The paper is then sealed using ultrasound, eradicating the need for any adhesive. This ensures that the products are secured with minimum packaging, reducing waste and delivering a cost-efficient solution. ATS-Tanner markets the coated bands under the brand name TruePaper.

The strength of Mondi's kraft paper means it can hold weights of up to 20kg, making the band perfect for fruit and vegetable bundles as well as multipacks of bottles and other consumer goods. The paper ensures excellent printing results meaning brand, product, return and responsible waste management



messaging can be communicated to the end user.

Together a system is created that offers great product protection while reducing unnecessary plastic. This is the perfect example of strong collaboration producing a new solution that does just that.

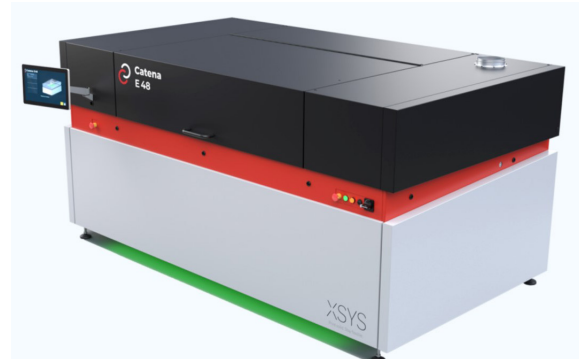
Owner & CEO, ATS-Tanner, says, "We trialled various paper grades and Mondi's kraft paper offers the required strength to substitute plastic packaging with this paper band. TruePaper is a resource efficient solution that can – depending on the banding machine used – wrap products measuring up to 1300 x 500 mm and is convenient to store. Using paper instead of plastic is not the only advantage: an ultrasonic banding machine from ATS-Tanner consumes 98% less energy than it would take to pack a like-sized delivery using a shrink wrapping machine."

■ XSYS expands platemaking portfolio

XSYS has confirmed the introduction of the ThermoFlexX Catena-E 48 unit for LED exposure of flexographic printing plates for the label, folding carton, and flexible packaging markets. The new addition to the Catena product family is a compact solution that delivers highest quality flat-top dot plates at an impressive level of productivity, coupled with low cost of ownership.

“Catena-E LED exposure technology was first introduced to the market in 2020 and the larger Catena-E 80 model for wide web applications was quickly adopted by platemakers and printing companies serving the global flexible packaging and corrugated board markets,” said Global Sales Director, XSYS Prepress. “Now with the Catena-E 48, narrow and medium web printers active in labels, folding cartons, and flexible packaging can enjoy the same excellent plate quality with faster LED exposure and consistent operation which will boost their business.”

Exposing plates in a maximum size of 900 x



1200mm (35 x 48”) and up to 6.35mm (0.250”) in thickness, the Catena-E 48 has been built to match the high speed of the TFxX 48-S plate imager from XSYS, which offers an output of 6 sqm per hr. Exposure takes less than 15 mins and the unit can be fitted with an automatic plate loading door as an option. Like the Catena-E 80, the new model is also perfect for plates with the finest surface microstructures, such as ThermoFlexX Woodpecker Nano.

■ RMGT 970 packaging press for HBD Packaging in India

HBD Packaging in Greater Noida, India, has recently commissioned a new Ryobi MHI Graphic Technology Ltd (RMGT) 970 seven colour plus coater packaging press.

This installation is the first 38” inch press in India for RMGT. This press is equipped with a host of performance enhancing automations and labour saving mechanisms which makes it a ‘smart’ packaging press. It’s retractable coating unit, predictive density control system, program inking, feeder air pre-setting, automated operator assist functions coupled with superior economy are just a few of the points which gives this press a competitive edge over others.



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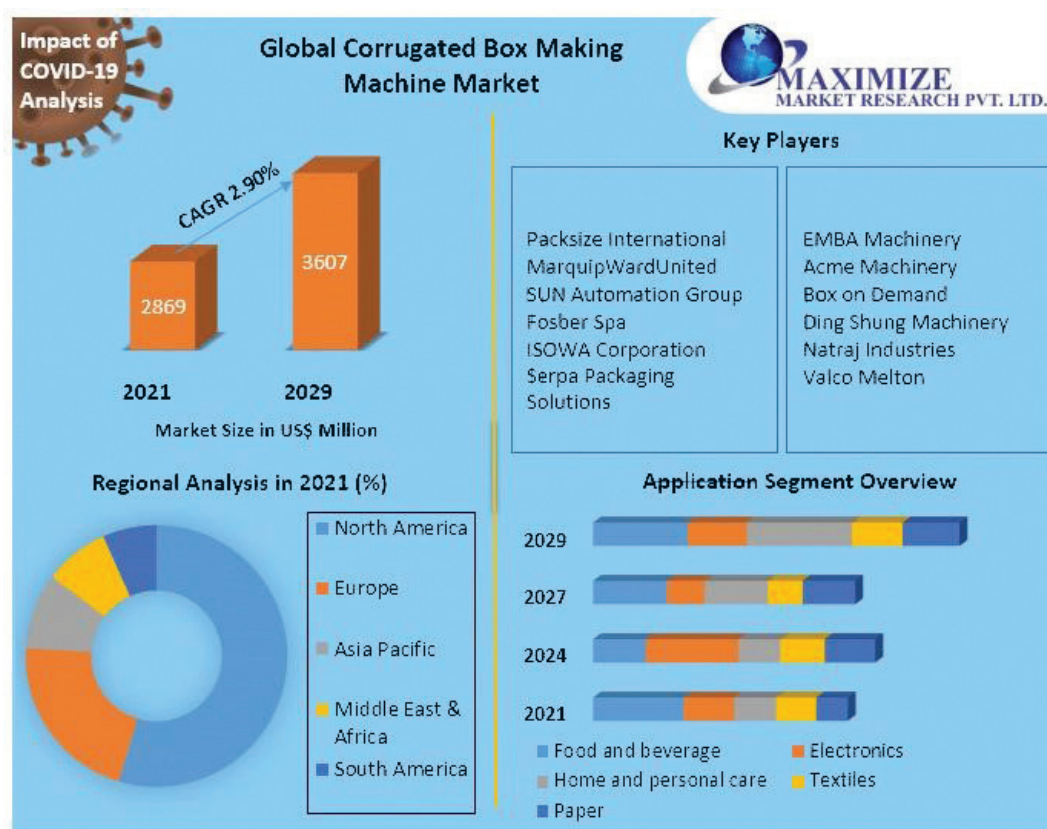


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Corrugated Box Making Machine Market was valued at USD 2869.87 Mn. in 2021, and it is projected to grow at a CAGR of 2.90% from 2022 to 2029, reaching a total revenue of nearly USD 3607.32 Mn.

06-06-2023 10:01 AM CET | Advertising, Media Consulting, Marketing Research

Press release from: MAXIMIZE MARKET RESEARCH PVT. LTD



Corrugated Box Making Machine Market

The report provides a segment analysis based on types and applications. The market segments include Flexo folder gluer, Rotary die cutter, Multi-cassette positive pressure single facer, Paper sheet delivery and slide conveyor, Shaftless mill roll stand, Preheater, Automatic bride tension correction machine, and Others. The Flexo folder gluer segment is expected to hold the largest market share by 2029.

The report utilizes PORTER and PESTEL analysis to assess the market's potential impact from micro-economic factors. It also analyzes external and internal factors that may positively or negatively affect the business, providing decision-makers with a clear futuristic view of the industry.

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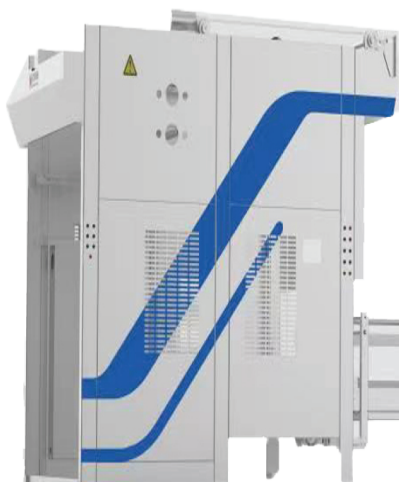
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S. No.	Programme Title	Date	Time
1	RECOVERY OF DELAYED PAYMENT <ul style="list-style-type: none"> • Precautions/Prevention of Delayed Payment • Modes of Recovery • Payment Recovery Through MSME Samadhaan • Measures to ensure faster Payments. 	June 3, 2023 (Saturday) https://meet.google.com/fyz-extz-zfb	04:00 pm to 5:30 pm (Evening)
2	EMPLOYMENT – LABOUR ISSUES FACED BY MSMEs <ul style="list-style-type: none"> • Mandatory Compliances/Check List • HR Agreements & Documentation • Legal Steps in case of Employee Dispute • Preventive Measures 	July 22, 2023 (Saturday) https://meet.google.com/jqs-sdqp-ahq	04:00 pm to 5:30 pm (Evening)
3	INTELLECTUAL PROPERTY (TRADEMARK, COPYRIGHT & PATENTS) AND CYBER LAWS <ul style="list-style-type: none"> • Implication of Intellectual Property Laws on MSMEs • Infringement & its Effect • Duplication & Piracy of Designs & Trade names • Enforcement. 	September 23, 2023 (Saturday) https://meet.google.com/odp-svpy-jdk	04:00 pm to 5:30 pm (Evening)
4	IMPORTANCE OF CONTRACTS <ul style="list-style-type: none"> • Importance of Documentation for MSMEs • Invoices, Purchase Orders & Quotation • Points to check before signing Agreements • Important Clauses. 	November 25, 2023 (Saturday) https://meet.google.com/bcx-cjma-jwc	04:00 pm to 5:30 pm (Evening)
5	FOREIGN TRADE FOR MSMEs <ul style="list-style-type: none"> • Important Registrations • Process & Steps • Prevention of Fraud • Documentations • FAQs 	January 20, 2024 (Saturday) https://meet.google.com/eqc-ueti-fja	04:00 pm to 5:30 pm (Evening)
6	COMPANY LAW & TAXATION <ul style="list-style-type: none"> • Company Law Compliances • GST – Basics • IT – Basics • Prevention of Default 	March 23, 2024 (Saturday) https://meet.google.com/ado-dcjl-std	04:00 pm to 5:30 pm (Evening)

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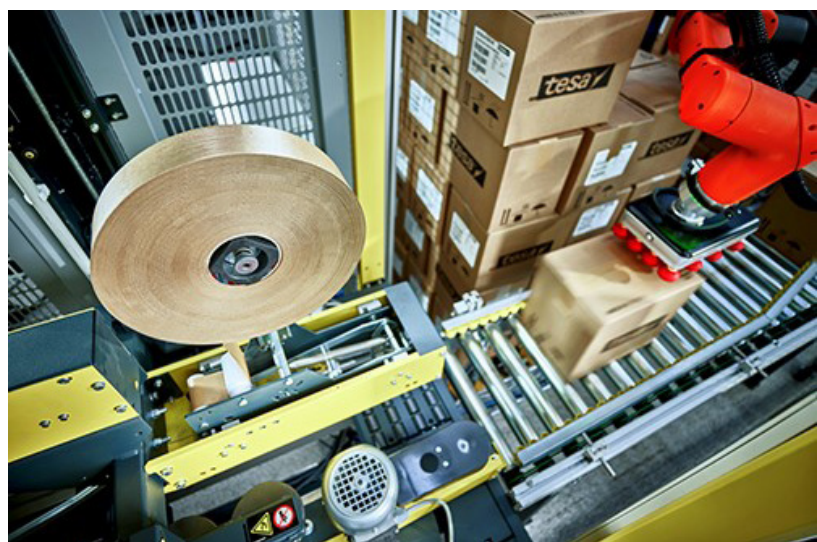
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■ New packaging tape with paper backing and 92% bio-based carbon content

Aryan Paper Mills Private Limited has confirmed it is proceeding with the setup of a new paper mill in Gujarat, India.

The company has signed an MoU with the Government of Gujarat to streamline the registration and permissions procedure for the new mill, whose civil work is in process. The mill will be equipped with a 5.1m Valmet/Kadant paper machine, which will produce recycled containerboard. The mill is expected to start-up in 2024.





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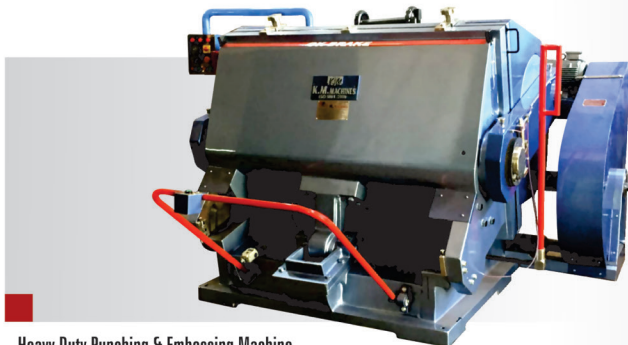
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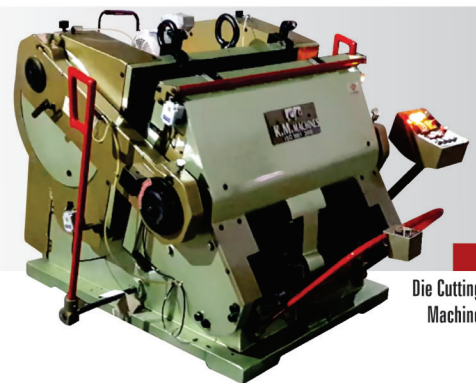
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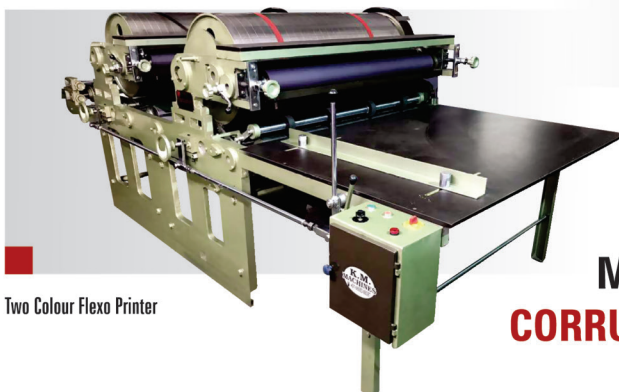
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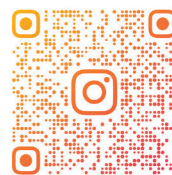
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