globalprint
...it's all about timing

when printing has no limit

- POSM DISPLAY & PACKAGING -

ABOUT

"

We can say that in our more than 20 years of existence we have managed to achieve the most important asset for our company - stable and long-term relationships. Under the slogan "...it's all about timing" we have succeeded in communicating Global Print's values in a market marked by the failure to honour contractual agreements. With time to delivery becoming a defining element, we decided to make significant investments in equipment, software and staff. The years 2019 and 2022 are peak years in this respect, marked by investments totalling more than €3 million.

Along with the streamlining of design and production workflows, the investments made also ensure a high level of print quality and finishing.
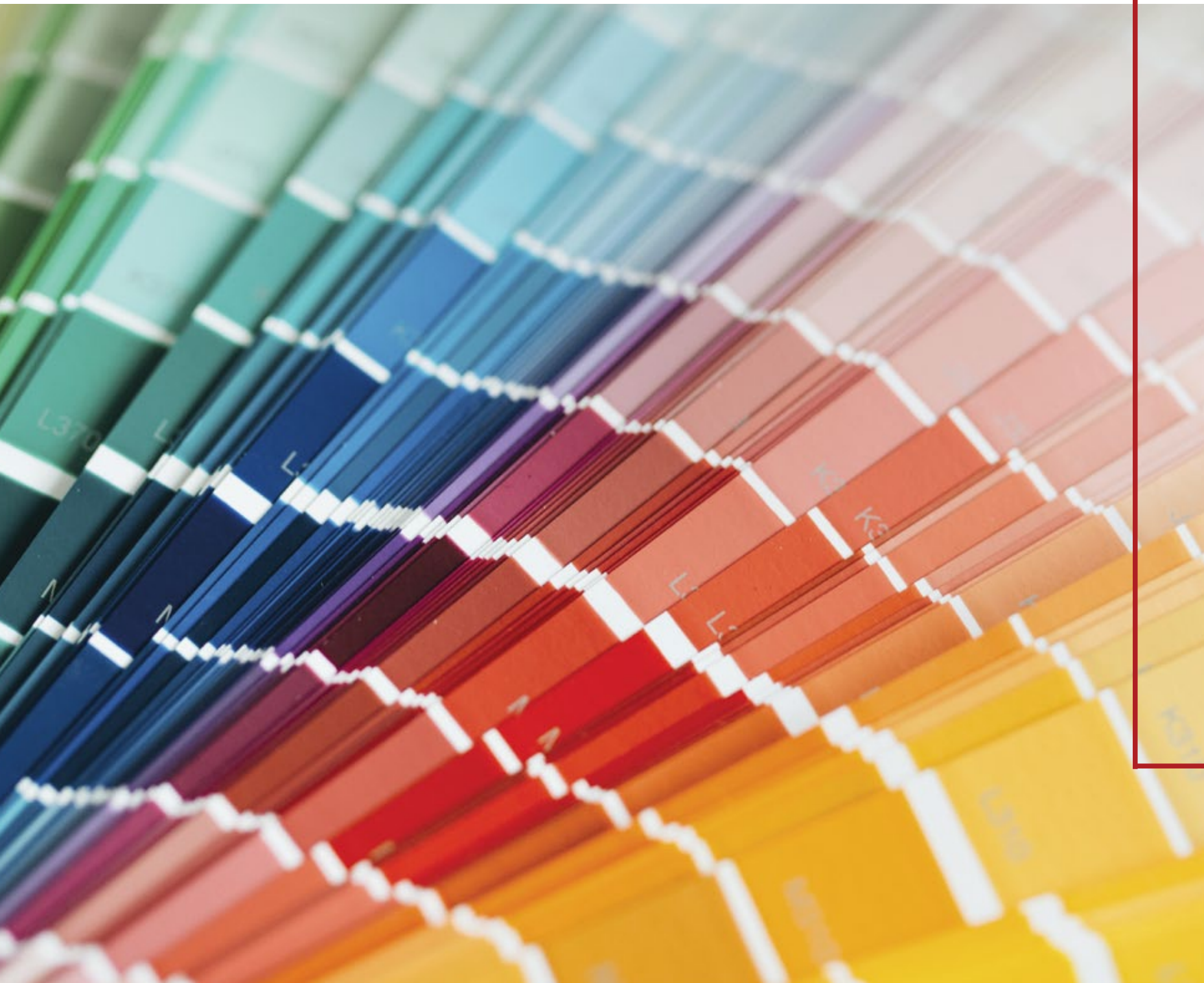
In this context, it has also been possible to obtain the most coveted certification in the global printing industry. The FOGRA certification, the membership of this elite group in the printing industry, is the most important achievement for us, as we will be able to further develop good quality relationships with our customers.

Sustainability has become a priority for the printing industry in general and for packaging & display in particular, which is why we decided to implement environmental systems according to ISO 14001 and to obtain FSC certification.

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FOGRA CERTIFICATION

Accurately reproducing Pantone colours according to brand identity is one of the major challenges of the printing industry, especially for large format digital printing. Achieving the best performance in this respect requires rigorous adherence to all requirements in the design, print and quality control processes, not least of all state-of-the-art equipment capable of high performance.

FOGRA certification guarantees compliance with the most stringent requirements throughout the digital printing process, from setting graphic file parameters, measuring colorimetry to achieve consistent colours throughout the print run, correct calibration of the digital printer and final quality control.

Achieving consistent colour and quality at a professional level is a priority for us so that we can guarantee correct PANTONE colour reproduction.

This is so important for all companies who want to achieve brand colours on all materials, and we have pursued this by obtaining process certification for both digital printing on rigid materials, digital roll-to-roll printing and the now classic digital sheet-fed printing.

In 2019 we managed to obtain the most coveted world wide printing certification as a proof of best practice, as a guarantee of quality and last but not least as a confirmation of the technical level and know-how regarding the design/production processes.

The FOGRA certification itself is the submission to the most demanding examination, passing it and thus obtaining the guarantee that you can do what you say you can do.

For further details we invite you to visit our website (scan QR code).

FSC CERTIFICATION

Consumers are increasingly concerned about choosing products that are made and supplied responsibly. FSC certification allows companies to use the FSC label on certified products, giving consumers certainty about the origin of the products they buy.

Achieving certification is also an excellent way to demonstrate compliance with public and private sector procurement policies - such as the EU Ecolabel - which certifies that materials are recyclable and come from environmentally responsible sources.

FSC certification verifies that FSC certified material has been identified and separated from non-certified, i.e. uncontrolled, material.

Research has shown that products that have become FSC certified benefit from better access to international markets, generate higher revenues and bring a positive change in public image.

Benefits:

• FSC certification will increase product credibility as customers can trust the responsible origins of the raw material. It also improves corporate reputation and creates new marketing opportunities.

• FSC prohibits illegal logging, forest degradation and deforestation in certified areas. By becoming certified, it helps protect forest ecosystems and reduce the impact of climate change.

• A growing number of countries and regions, including the European Union, have legislation banning the use and marketing of illegally harvested timber and timber products. Compliance with these laws is the basis for FSC certification.

We are in the process of FSC CERTIFICATION, so that we can contribute to reducing the impact of climate change by using material sourced from confirmed sources, using responsibly sourced raw material that protects forest ecosystems (details here: https://www.tipografia-global-print.ro/certificari-tipografia-global-print).

PRODUCTS & SERVICES

POSM DISPLAY CORRUGATED CARDBOARD

The UV-ink printing technology and soon water-based ink printing directly onto corrugated board is used for the production of personalised displays. As Durst and Fuji printers use Greenguard Gold certified UV ink, POSM custom displays are recyclable and can be FSC certified. The production of corrugated and Re-board displays is carried out with 2 state-of-the-art production lines, as follows:

- Direct UV ink printing on cardboard is done using DURST P5 350 hybrid printer which benefits from a maximum aperture of 350 cm and FUJI Acujity HS Advance True Flatbed printer with an aperture of 250 cm. It prints on a large plate (2050 x 3050 mm) so that the floor structure of the displays achieves maximum strength and material losses are minimal. Print capacity will increase to about 10 million sqm/year with the installation of the new DURST P5 250 WT water-based ink printer. This printer is certified even for the food industry, thanks to the use of the most environmentally friendly ink in the industry.

- Embossing is computerised by cutting and applying crease, using the latest generation CNC ELITRON Kombo TH, produced in Italy and installed in 2022. It is equipped with 2 decks and 2 sets of high-speed motors, the productivity offered is double compared to other similar equipment. The high precision finishing table produced by industry leader ESKO, Kongsberg X20, is also used for the same operations.

- Automated and ultra-fast application of industrial adhesive is carried out using a state-of-the-art plotter produced in Italy. For correctly formed displays, it is important that the adhesive is applied in the shortest possible time so that all elements are firmly bonded.
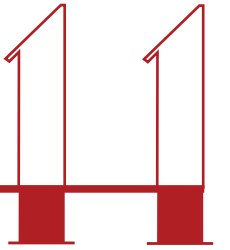
- To obtain uniform gluing of all the elements, thus ensuring maximum strength of the displays, a convejor press with press rollers is used.

The industrial line ensures an increase in monthly production capacity of up to 5,000 displays. The resulting displays have a strength of up to 30 kg/shelf, with the possibility of increasing this value by using cardboard Re-board. This type of material with a honeycomb inner structure also ensures an impact print, as it can be ordered with laminated faces. The installation of DURST RHO 2500 printing equipment (1250sqm/hour) and fully automated 2-deck CNC finishing and IAWA (high productivity) die machine will ensure a production capacity of up to 20,000 displays per month.

It can produce: Stands, POSMs and Displays exclusively from various types of corrugated cardboard, but also more complex projects in HDF, PALP, MDF, ALUBOND, Foam, Forex, Plexiglas, etc. Depending on the weight of the products to be displayed, a metal structure can also be integrated.

POSM DISPLAY HDF, PAL & MDF

POSM Display stands made of HDF (high density fibreboard) are the recommended solution for displaying heavy weight products. The most relevant example is the beverage industry, where we usually encounter weights of over 30 kg per tray and over 120 kg per display.

Stands can be made from HDF, melamine chipboard, MDF and any other wood derivatives that are provided for customisation by UV printing. In this way, we can obtain the optimal solution for each product, meeting the requirements of visual appearance and resistance over time.

The structural design of the displays is carried out with dedicated display software: ESKO Artios-cad 3D. Thus the display elements are precisely calculated to achieve a very good stand stability.

For additional bracing, various fasteners can be used for both the trays and the stand base.

For each project, 2 or 3 different designs can be proposed, dynamically presented in a 3D file that allows the display to be rotated in all directions. At the same time, we can also visually add the products to be displayed, to the actual size and shape.

This makes it much easier to make the best decision. Of course, a prototype can also be made to look 100% like the final displays on request.

Stand customisation is achieved with the DURST P5 350 hybrid printer and the FUJI Acujity HS Advance True Fatbed printer.

UV printing technology directly onto HDF, chipboard, MDF or other wood-based materials ensures very good adhesion, good scratch resistance and very good quality of printed images.

The cutting of the display elements is carried out with the Elitron Kombo TH high productivity industrial CNC installed in 2022.

This equipment is equipped with 2 decks and 2 sets of high power motors of 3.8 KW each (usually 1 KW cutters are used in the industry), so as to achieve a doubling of productivity and a good finishing of the material edges.

HDF and other wood-based displays are delivered folded to make transport costs more efficient.

We are in the process of FSC CERTIFICATION so that we can contribute to reducing the impact of climate change by using material sourced from confirmed sources, using responsibly sourced raw material that protects forest ecosystems (details here: https://www.tipografia-global-print.ro/certifi-cari-tipografia-global-print).

PRINTING ON ANY MATERIAL

The flexibility of UV printers is exceptional, printing on virtually any type of rigid material up to 5.08 cm thick, such as: Corrugated Cardboard, GC, Duplex, Special Cardboard, PVC & PVC derivatives (Forex, Foam, Dispa, Stadur, Plexiglass, Kapp, Acrylic, Polycarbonate, etc.), Wood & wood derivatives (HDF, MDF, Chipboard, HPL, etc.), Metal & metal derivatives (AluBond) and even glass. UV printing on rigid materials is done with Durst P5 350 hybrid printer and FUJI Acujity HS True Flatbed printer. The DURST P5 350 hybrid digital printer can print on rigid materials up to 350 cm wide and unlimited lengths, as well as on flexible roll materials. Simply printing on rigid or flexible materials cannot have the desired marketing effect if it is not transformed through various finishing processes into final trade marketing and promotional products. State-of-the-art digital finishing tables produced by the world's industry leader ESKO Kongsberg and Elitron Kombo TH, also provide exceptional versatility thanks to the possibility of attaching different tools for each type of material. Materials such as Corrugated Cardboard, PVC and other plastic derivatives, wood, metal, leather, etc. can be cut and finished. As an example, the optional Psaligraphy tool allows for very fine details and high precision cuts. The Elitron CNC, being equipped with 3 Kw high power milling cutters, can contour cut and edge finish very hard materials. This digital finishing table is equipped with 2 decks with 2 motor groups that will work in tandem to double the working speed and a useful surface of 210x320 cm. The applications are multiple, digital printing on rigid materials is commonly used to produce products such as POSM DISPLAY, cardboard packaging, various advertising and signage production products, display systems, etc.

In conclusion, the easiest thing to remember is the possibility of printing on any type of rigid or flexible material, whether we are talking about the advertising production industry or other industries such as glass, furniture or leather.

TRADE MARKETING PRODUCTS

Large-format digital printing has received special attention from us thanks to technological advances in recent years, which is why we are detailing the advantages and possibilities of each piece of equipment.

The Durst P5 350 hybrid-UV printer and the Fuji Acuity HS Advance flatbed printer, are used for direct printing of rigid materials, printing high-resolution images at industrial productivity and performance. The versatility of the printers enables large format printing applications such as POSM display, int/ext signaling, window graphics, floor graphics, wall decorations, etc. An advantage of this rigid materials printing technology is its resistance to both light scratching and fading or discoloration after exposure to UV sunlight.

Using the UV-cured ink printing process, any rigid or flexible material up to 350 x 500 cm in size and up to 5 cm thick can be printed, such as PVC, Plexiglas, Foam, Forex, Polycarbonate, Polystyrene, Acrylic, Corrugated Cardboard, Aluminium, Wood, Stone, etc. The printer allows white ink to be applied both during printing and after CMYK colour printing.

The Roland PRO 4 printer, is an printer and contour cutter with ecoSolvent inkjet from the top range of Roland DG production equipment. The recommended products for ECO SOLVENT MAX 2 ink are very diverse: from int/ext signaling, cut contour stickers, wobblers, shelf talkers, stickers with metallic effect for cars, etc. Printing with eco solvent ink will thus be UV resistant, prints are protected against fading for up to 5 years when laminated with high UV protection foil. The main advantages are the possibility to print with metallic and UV-resistant ink, practically the ideal solution for customising car fleets and indoor/outdoor advertising with reflective metallic effect.

The HP 375 Latex Ink Printer, allows you to get the best value for money, thanks to its high-capacity toner of 3 litres per colour. Up to 30% lower costs for latex ink printing, attracting end-price reductions for printed materials of up to 25%. Latex ink printing is flexible and resistant to light scratches. This latex ink printing solution is the optimal solution for textile light boxes, textiles in general, wallpaper and other wall decoration elements. A wide range of indoor promotional products such as banners, posters, posters and display systems such as popup spider, roll-up, people stopper, wallpaper, stands or signage can be produced with high economic efficiency.

Durst P5 250 WT and Canon Image PROGRAF water-based inkjet printers print in 6, 8, 12 colours at 2400 DPi, the highest number of colours technologically available at this time. The advantage translates into the ability to offer the best colour gamut and highest level of print fidelity. The vibrant or pastel colours, the wide range of shades, allow the production of rollups, posters, interior signage, including artwork reproductions. As the ink is water-based, odourless and free of harmful solvents, the resulting prints are 100% compatible with indoor environments, commercial spaces, hospitals, kindergartens or other sensitive environments.

Because shelf presentation is an essential aspect of selling your products, we offer integrated graphic concept, structural design, direct printing on rigid or roll materials (including backlighting) and professional finishing services for trade-marketing and signage products.

pop-up

Remarkable Products !

Your products want to pop up

PACKAGING

The year 2020 meant an investment of around €2 million in state-of-the-art equipment, industrial software and personal training. For the years 2022 and 2023, we have planned investments of around 3 million euros in packaging production and display equipment:

- DURST P5 350 UV ink printer (already installed), Fuji Acuity HS True Flatbed UV printer (already installed), DURST P5 250 WT water-based ink printer for eco-friendly display applications, DURST RHO 2500 high performance printer that can reach print speeds of 1250 mp/h;

- Elitron Kombo TH cutting and finishing equipment with double decks for double productivity (already installed), it will then be installed another similar CNC (Elitron Combo TAV) with automatic feeding and automatic stacking directly on the pallet (for maximum productivity), Esko Kongsberg digital cutting table equipped with a wide range of high precision tools, high productivity industrial die press;

- 2 plotter-type machines for high-speed hot glue application (first machine already installed). In addition to the production lines, 2 conveyer presses with press rollers, for uniform gluing of the elements to which adhesive has been applied (first equipment already installed);

- The gluing equipment for applying double tape and box forming, APR BOX-1 made in Italy (already installed), the high speed equipment Hoson 1000 for 5-point gluing and forming of any type of duplex cardboard packaging (already installed);

This will increase printing and finishing capacity by up to 10 million square metres per year.

Our production equipment with large printers and high productivity make it possible to produce large, personalised packaging with high-resolution printing. Any type of corrugated board can be used and various other materials can be integrated to produce special packaging. Packaging can also be made in any quantity, from 100 boxes to tens of thousands of boxes.

With ESKO ArtiosCAD 3D software, packaging can be designed to perfectly support both the basic product and related products for advertising campaigns. For example, to advertise a particular beverage, the 3D file of the bottle and glasses that are offered as a bonus in the campaign can be imported. The dedicated packaging design software and the ArtiosCad display will allow the creation of both the collective packaging and the inner reinforcements, which are essential to firmly support the bottle and glasses, but without visually affecting the product presentation.

Special packaging can be designed and produced for products with atypical dimensions. For this type of product, inner reinforcements are essential, which is easy to understand if we refer to the example of a car dashboard.

The irregular shapes of the car dashboard would make it impossible to obtain a firm internal support structure for the product, in the absence of software dedicated to the design of atypical products. Custom packaging can be a great asset to a business, regardless of its size.

Packaging printing solutions offer numerous benefits and help you position your brand uniquely in the market. Packaging serves a greater purpose than simply providing content. By opting for customised packaging you will help create a better experience for the end user.

FURNITURE CARDBOARD

The need for brands to stand out and be more original on various display occasions, such as attending trade fairs or organising a conference to launch new products, is obvious, so making corrugated cardboard furniture can be the perfect and quick solution.

Cardboard can be used without custom printing, with natural or bleached cardboard being preferred, so that brand values can be subliminally conveyed about environmental protection, ecology or the idea of naturalness in general.

An important advantage is the possibility to create custom elements including components of the stand, its walls or the whole stand.

For elements where rigidity and weight resistance are essential, Honneycomb (Reboard) can be used, whose honeycomb structure can provide support for heavy weights.

Honeycomb board offers good strength for armchairs, desks, tables, wardrobes where clothes can be displayed, but also for totems that can be easily mounted in various locations.

Thus, depending on one's imagination, we can create "budgeted" furniture for the living room or living room, in unusual shapes, from "unusual" materials, made with dedicated software that allows 3D visualization of the final models.

We can also recommend cardboard furniture for your showroom, shop/retail space or conference room, and it is possible to create various shapes, including augmented simulations of your products.

PRINTING ON TEXTILE MATERIALS

We can make custom prints on synthetic textiles of various thicknesses and compositions, such as cotton, polyester, and many others, including printing on both sides of the fabric. The colours are very vivid and resistant to multiple washes and traffic.

The range of textile products that can be customised is virtually unlimited, and can be made into light boxes, popup spiders, flags, info desks, etc.

Textile printing is most often used for various events or temporary campaigns and is a good and elegant method of advertising. This niche can be used to customise T-shirts, blouses, caps, as well as hoodies, trousers or overalls.

The textile material ensures a premium look to the print thanks to the texture which can be very fine.

Printing with latex ink or flexible UV ink will ensure the highest level of colour intensity and very good resistance to long exposure to UV sunlight.

The properties of latex-based ink ensure highly flexible and scratch-resistant prints. The ink is GREENGUARD GOLD certified, which makes it suitable for any indoor space, even though its properties ensure very good performance for outdoor exposure.

For all products that also involve customised textile materials, related services of assembly, transport, installation, etc. will also be carried out.

Our team of graphic designers can help you in creating your visual identity, offering integrated graphic design services for all the products you need.

Your business want's to be **REMARKABLE**

LIGHT BOXES

Light boxes can be made of textile or PVC-derived (backlit) materials, both single-sided and double-sided. In both variants, which are essential to achieve an impactful effect, the emphasis is on colour gamut and intensity. In order to achieve the best values in this respect, in addition to the backlit profile of a high-performance RIP software, top-performance equipment is also required, as new as possible and with as many colours as possible.

The light boxes are made of anodised aluminium profiles with a standard depth of 10-20 cm or ultra-slim with a depth of only 4.5 cm. For lighting, state-of-the-art perimeter LED modules are used in the case of standard profiles and special LED modules with magnifying glass for 360 degree light dispersion in the case of ultra slim profiles. For perfect tensioning, quick installation and easy print change, the backlit canvas will have a silicone cheder sewn around the perimeter.

The versatility of the modular jointing solution and the low weight of the aluminium profiles allows large sizes to be achieved, whether it is for light boxes to be mounted in the display case, free-standing light boxes to be mounted with floor tiles or hung from the ceiling. Moreover, thanks to the unique assembly principle, light boxes with special shapes such as circle, oval, semicircle, hexagon or triangle can be made.

Lightboxes are advertising products capable of achieving that WOW EFECT, wherever they are used (indoor or outdoor), which is why they should not be missing from any brand's marketing mix.

SIGNAGE PRODUCTS

In principle, any indoor trade-marketing signage elements and partly outdoor signage elements can be produced for industries such as retail, hospitality, HoReCa or other industries.
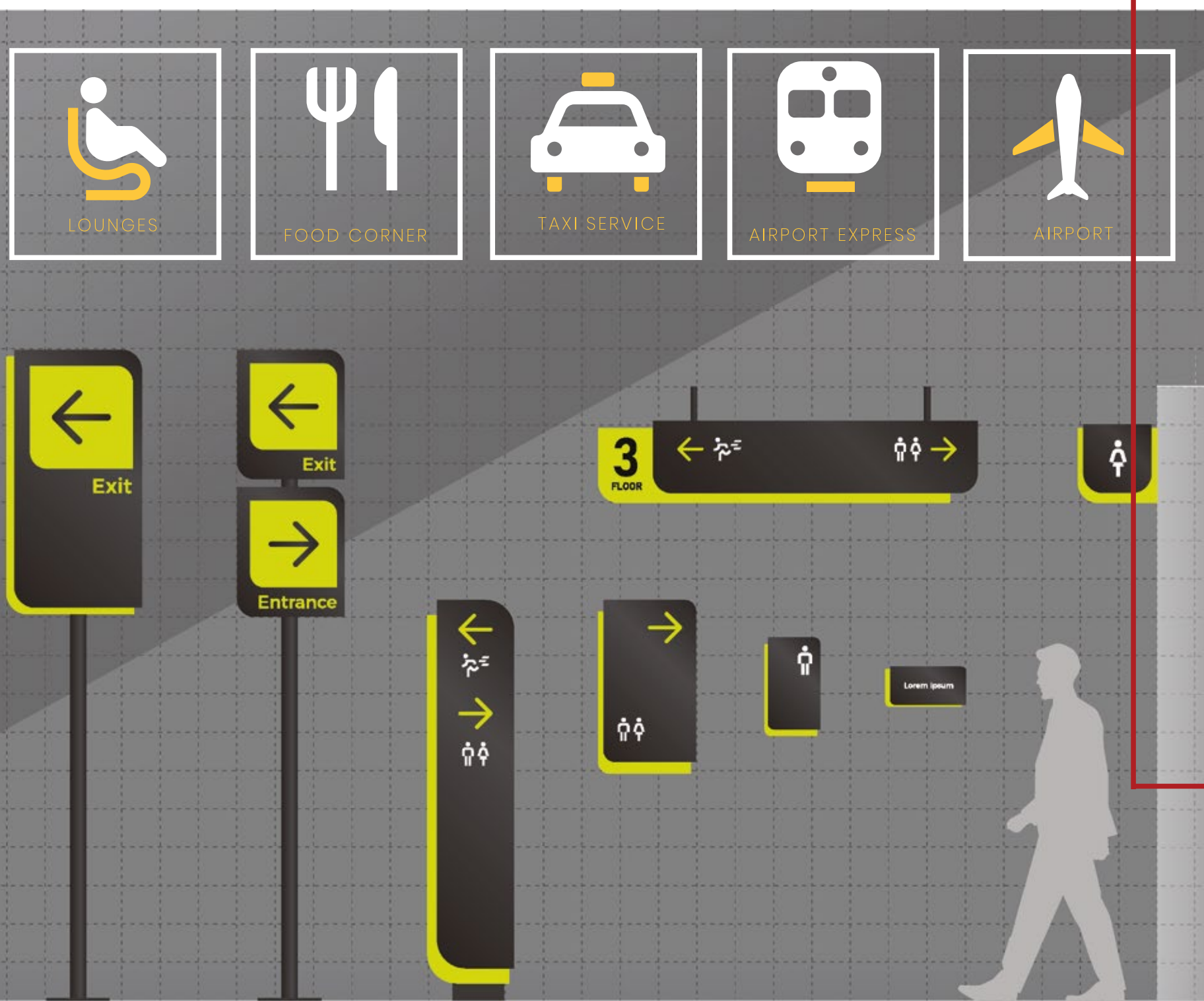
Whether you need signage elements for direction / delimitation placed or even applied directly on the floor, promotional elements with hanging in the ceiling or various signage products on the shelf (such as wobblers, blisters, etc.), any elements for indoor and outdoor signage can be made in a short time (with all digital printing technologies at hand - UV ink, latex, water-based ecoSolvent but also automated digital finishing equipment).

State-of-the-art UV printing and laser engraving technology allows us to produce a very wide range of custom signage products.

Not infrequently, the creation of complete signage sets has required customisation, as pre-existing solutions are not compatible with the space or brand values of the client.

In general, we customise according to the needs and requests of our clients, but in the case of regulated signage, we also produce stock products, for which we have created our own graphic design, which can of course be adapted or modified according to your preferences.

In addition to trade-marketing signage in retail stores and supermarkets, we also produce elements or complete sets of signage according to legal regulations, for: SSM, PSI, COVID, GDPR, etc.

LOUNGES

FOOD CORNER

TAXI SERVICE

AIRPORT EXPRESS

AIRPORT

INDUSTRIAL PRINT

The UV-ink printing with its mechanical strength and colour fastness over time, is the optimal solution for the production of components for industries such as automotive, home appliances, production equipment, etc.

Over the past decade, digital inkjet technology has made significant inroads into the industrial printing landscape, disrupting long-standing business lines and opening new horizons for product manufacturers.

Laser marking is also a good solution for various inscriptions on metal or other hard materials that cannot be labelled or marked with non-permanent materials.

High production capacity is likely to support the industrial area for small and medium runs. For large or very large print runs, 2 or 4 colour pad printing equipment is to be installed, as this technology is very well suited to the niche of products that are produced at industrial level. This covers all printing technologies on industrial parts or components.

Depending on the needs, various finishing services can also be carried out, such as hot melt adhesive gluing or integration into a given assembly.

INDOOR PRINT

For personalised materials for indoor use, the Durst P5 250WT, CANON Image-Prograf water-based ink printers and also the HP Latex 375 printer, all cover the full range.

Water-based inks, free of odour and harmful chemicals, are the best solution for pictures, rollups or posters. Latex ink print is versatile, flexible, scratch-resistant and odour-free being GREEN GUARD certified, making it suitable for any indoor product.

For printing on glass, wood and other rigid materials, Durst P5 350 and FUJI Acuity UV inkjet printers are the equipment that can guarantee both mechanical resistance and colour fastness over time.

Discover the multitude of applications we can make, from decorative products (wallpaper, canvas boards, magnetic foil, custom glass, block-out blinds) to marketing products (rollups, posters, stands, backlit light boxes, flags, lightboxes, glass stickers).

Depending on your needs, you can benefit from full creative and graphic design services, structural design, consultancy and technical support, creation of samples and mockups, installation with our own team or specialised partners (electricians for light boxes and luminous totems, interior fittings for recessing light boxes in the wall and related masonry repairs, etc.).

Each indoor print is guaranteed according to the media and the application required.

www.largeformat.globalprint.ro

OUTDOOR PRINT

For customised materials for outdoor use, the Durst P5 UV ink printer offers a print width of 350 cm, and the ROLAND Pro 4 printer with ecoSolvent-based ink and HP Latex 375 printer covers the full range of exposure situations. UV and ecoSolvent-based inks ensure good colour fastness to UV rays and resistance to outdoor environmental stress. Latex ink print is versatile, flexible, scratch-resistant and odourless, being GREEN GUARD certified, making him the most suitable for any outdoor product.

For printing on glass, wood and other rigid materials, Durst P5 350 and FUJI Acuity UV printers can guarantee both mechanical resistance and colour fastness over time. Discover the multitude of applications we can print, from outdoor signage products (Alubond elements, PVC derivative elements, magnetic foil, custom glass, blockout blinds) to marketing products (banners, totems, stands, backlit lightboxes, flags, glass stickers). Current outdoor digital print capacity is up to 300,000 sqm per month, which is set to increase in the coming year to 800,000 sqm per month with the installation of the new Durst P5 250 WT and Durst RHO 2500 digital printing equipment.

Depending on your needs, you can benefit from full creative and graphic design services, structural design, consultancy and technical support, sample and mockup production, in-house installation team or specialised partners (electricians for cassettes and luminous totems, utility climbers for banner and mesh installation, etc.). Each outdoor print produced is guaranteed according to the media and the application required.

GRAPHIC DESIGN SERVICES

The integration of graphic design & printing services, is required by the need to complete the typographic products, ensuring that deadlines are met, avoiding possible communication errors or other issues such as additions/modifications. Graphic design services are provided by professional graphic designers with more than 10 years of experience operating the main graphic design software (CorelDraw, InDesign, Illustrator, Photoshop, etc).

Our campaigns have been very successful and have brought added value to the companies that have chosen to entrust us with their graphic design projects. For each graphic design project, we go through all the steps required for successful marketing. Starting from a pre-established creative theme, 3 different graphic concepts are proposed for each graphic design project, all original and unique, so that the company's identity is correctly outlined, giving consistency to the message to be printed.

Layout design is the service of arranging all the graphic elements on the page in a carefully chosen layout, an arrangement that can be considered decisive for the printed materials to arouse interest, to be browsed in full and easily.

Desktop Publishing (DTP), is the final proofing and preparation service for printing. DTP is the most thorough and important stage in achieving the goal of maximum print quality. These graphic operations require advanced technical knowledge and care, and are frequently subject to the risk of human error. To eliminate these risks, DTP and Preflight are performed automatically using ENFOCUS software, operated by our team's most experienced graphic designers, who will make the recommended adjustments following automated checks.

STRUCTURAL DESIGN

The production of POSM Display stands involves a very correct design, so that it is possible to obtain perfect closures and a correctly calculated weight resistance. For this reason, we decided to use the complete and leading solution, ESKO ARTIOSCAD 3D software for advanced 3D structural design, absolutely dedicated to the design of POSM Display and Custom Packaging.

Designing with ArtiosCAD 3D allows to make several proposals for each project, 3D presentation of the final product and video presentation of how the final product is assembled (minimal transport costs, self-forming stands can be delivered folded and packed in a protective box). Thus, compared to the classic solution of designing with software such as Corel or Adobe, the design takes much less time, as the time saved can be used to produce several design variants, as opposed to a single variant, as is often proposed in the case of design in classic graphics or architecture software. The risk of human error is minimised, as ArtiosCad automatically calculates at mm level the offsets to be considered for each bend, depending on the thickness of the material. Thanks to the possibility of importing most types of 3D files of the product to be displayed on the stand, the dimensions of the packaging as well as the display will be correctly optimised.

To streamline production costs, we use the ESKO i-Cut Suite industrial production software, which allows material consumption to be reduced by up to 40%. The Esko i-Cut Nesting functionality optimally places irregular display components so that up to 90-95% of the material used is used. With traditional graphics software nesting, material loss is up to 30%-40%, with exponentially higher staff time and costs. The price of the final product can drop by up to 40% for displays made of more expensive materials such as HDF or other wood derivatives, ALUBOND or other metal derivatives and PLEXI-GLASS or other plastic derivatives.

AUXILIARY SERVICES & LOGISTICS

Asumarea sarcinilor de ordin logistic precum corecta depozitare, protecția pe perioada transportului, livrare cu mașini proprii sau prin transportatori verificați și validați în urma dovedirii faptului ca sunt familiarizați cu manipularea produselor de tipar, permit beneficiarilor noștri să se focuseze mai bine pe propria lor activitate.

O provocare destul de greu de gestionat de către companiile cu mai multe magazine, este livrarea afișelor sau a altor printuri de trade-marketing, către fiecare spațiu de retail în parte. Gestionarea bazelor de date puse la dispoziție de către beneficiar și generarea de AWB-urilor în platforma firmelor de curierat, poate fi realizată de către noi, astfel încât printurile să plece către punctele de lucru, direct din producție. Astfel, este obținută o importantă eficientizare logistică, fiind reduse semnificativ resursele alocate de către companii pentru managementul lucrărilor de volum mare.

Urmărirea livrarilor precum și raportarea centralizată, vin să completeze acest serviciu extrem de util. Grija lansării comenzilor recurente poate fi lăsată în sarcina tipografiei noastre, atenționarea de epuizare a stocului existent la beneficiar făcându-se în timp util, datorită software-ului CRM pe care l-am implementat începând cu anul 2018. Totodată, acest soft CRM poate ține evidența în timp real a stocurilor existente în depozitul nostru, pentru situațiile în care a fost aleasa soluția de lansare comenzi în tiraje mai mari pentru obținerea unor importante scăderi ale prețurilor produselor tipărite. În masura în care se dorește să fie expediate produse în ambalajele, display-urile sau plicurile din carton, precum cosmetice, mostre de produse, carduri de fidelizare sau cartele prepay internet și telefonie, vă putem asigura și serviciul de full-filment. Astfel, o să fie introduse toate produsele în ambalajul sau display-ul tipărit de noi, urmând ca expedierea să fie făcută direct la clienții dvs.

Ambalarea floor display-urilor formate în secția noastra de producție, se realizează individual în folie strech sau în cutie din carton ondulat, pentru protecția acestora pe durata livrării cu mașini proprii sau cu transportatorii validați. Pentru livrările internaționale, produsele sunt împachetate astfel încât să asigure o protecție sporită produselor tipărite, iar paleții sunt prevazuți cu bare tip colțar pentru protecție și sunt înfoliați cu folie dublu-strech.

COMMERCIAL PRINTING & INTERIOR DESIGN

DIGITAL PRINTING

By investing in high-end digital sheet-fed printing equipment with a combined capacity of up to 18,000 sheets per hour, we can bring innovative, high value-added products to life. In addition to standard products, we also suggest you opt for more special promotional products that can make your message stand out, such as premium presentation and marketing materials, as well as packaging with metallic foil and over-print (thus providing an unlimited range of metallic colours). To manage metallic colours in a way that makes it possible to interpret brand colours as closely as possible, we use specialised Color Logic software.

The largest range of special papers and cards available in stock, including special high-gloss, pearlescent, metallic or textured cards. We print on paperboard and media up to 470gsm, synthetic and plastic-derived papers such as PVC, Polycarbonate, Polyester, Polyethylene, Polypropylene, Teslin, Polyester Stickers.

Maximum format 33 x 100 cm, resolution 2400 x 4800 dpi, 6 colours print (including white, colourless, neon pink, neon yellow, invisible red for security - visibility only in UV spectrum).

Finally, it is well known that finishing makes the difference in a print production facility by ensuring that an impactful look can be achieved. For these reasons, top performance equipment has been chosen for the entire range of finishes.

More details can be obtained by visiting the dedicated page of our presentation website, the link can be obtained by scanning the QR code below.

OFFSET PRINTING

Offset printing is the right solution for large and very large print runs, with small and medium runs successfully covered by new digital printing technologies, both in terms of quality and production costs.

Offset printing jobs are carried out exclusively on top-of-the-range machines in the printing industry, equipment produced by the most well-known companies such as Heidelberg, Roland, Polar Mohr, Hohner, Wohlenberg, Horizon, Sumbel, Schmedt, Stahl, Komfi, Foliant, JBI, APR, Stago, Hoson, etc.

The advantages of offset printing are the high quality of the printed images (fine detail), low cost per copy for medium and large print runs, the possibility of using special colours and different substrates. The choice of printing method must take into account: print run, time required, price, need for special colours or detailed personalisation.

Offset printing in 1 day is a unique printing service on the printing market in Bucharest. The production time is a record for offset printing. Basically, as is generally known, classic printing requires a much longer production time than digital printing due to the specific technological features. We manage to overcome this shortcoming through exceptional mobilisation, but also through rigorous organisation and streamlining of order processing flows.

We believe that achieving such a production deadline demonstrates in the most concrete way the level at which we can work and also why we can be preferred in such a competitive environment.

FINE ART

Believing that you can't demonstrate without taking on the toughest challenge, we have placed a special emphasis on fine art printing, whether it's fine art reproduction or printing various images to be framed in the 100 or so frames available in our current offering.

The most accurate colour reproduction and colour gamut control, so that natural colours are achieved and in perfect agreement with the original file, can only be achieved by rigorously complying with the FOGRA certification standards obtained since 2019.

Achieving a consistent level of colour and maintaining quality at a professional level have become priorities for us, but this cannot be possible without the use of advanced ICC profile-based colour management software such as Caldera RIP or without the continuous renewal of our large-format print equipment fleet.

For paintings and fine-art products, we chose Canon printers printing with 12 water-based colours and Durst P5 250 WT with water-based ink.

Top features such as 2400 DPi resolution, which is double the resolution of standard equipment, 12 colours compared to the 4 or 8 colours available for standard printers (thus achieving the widest colour gamut), and water-based ink (no odour and no chemical solvents), enable true-real-photo quality thanks to state-of-the-art technology that addresses the most unique media challenges, sizes or artistic trends.

FLOOR DECORATION

Floor/flooring/pavements stickers are a fun and cost-effective way to advertise your business in retail spaces. With a floor sticker you can attract consumer attention and so, a floor sticker helps drive traffic to your store or promote general awareness of a product or brand. Decorative floor stickers are a versatile solution that can be used for events, in offices, outdoors and more! Print your text, graphics or logo and grab customers' attention in a creative way. Many companies take advantage of floor stickers to promote their business at low cost.

Innovative and ingenious, floor promotion in shops and shopping centres involves overcoming technical challenges so that the mechanical strength is maintained for as long as possible. The key to achieving a product that delivers the expected results is maintaining intense and vibrant colours for as long as possible. In order to achieve this, the protective film applied over the printed material must be of very good quality and the mounting must be impeccably done without air pockets or imperfectly glued edges.

If you are not yet familiar with this simple method of finishing floors/flooring/pavements, here are just a few of the strengths you can rely on: very good aesthetic stability and durability; excellent chromatic adaptability with the rest of the interior design; visual trade-market impact that is hard to match with other methods of application; perfect cleanliness due to the impenetrable surface.

WALL DECORATION

Create the right ambience with a minimum of effort. Attention to interior design is highly appreciated by consumers.

Flexible and durable, Latex-based digital ink printing is the ideal solution for wall decoration materials for the office, shop, restaurant or any home. The wallpaper can be printed on a variety of materials, including polyurethane materials with a 3D structure, and has good scratch and wash resistance, making it easy to maintain.

Unlike textured wallpaper, self-adhesive photo wallpaper does not require adhesives for installation. Self-adhesive photo wallpaper is like a sticker, with a quality adhesive on the reverse side that helps a lot when fitting. Self-adhesive photo wallpaper is very easy to fit and do not require skilled workers. Also, self-adhesive photo wallpaper does not have a textured surface like ordinary wallpaper but has a smooth, satin surface.

As a novelty we present and suggest you to integrate custom wallpapers and custom wall stickers printed on magnetic paper into your marketing mix. Not infrequently in conference centres, restaurants or event venues, there is a desire to frequently change the message and image displayed. For such situations there is the solution of printing on magnetic foil, which can be changed immediately by anyone. All that is needed is to pre-treat the wall with a backing film with magnetic properties or to apply a layer of paint containing metallic particles.

PLACE
YOUR
ADS
HERE!

WINDOWS GRAPHICS

High-impact and high-converting, direct-to-window promotion can be achieved with both self-adhesive materials and UV printing directly onto glass.

The UV printing direct-to-glass solution offers the distinct advantage of eliminating the risk of mounting errors. Where this is not possible, the application of custom die cut stickers for certain promotions or the decoration of the entire shop window, bank or company headquarters, ensures that the message can be easily changed.

The materials used should be of the highest quality, with UV protection, so that fading does not occur in less than 3-5 years (depending on the time of direct exposure to sunlight). Printing with ecoSolvent ink on premium materials, supports up to 5 years guarantees for this type of products.

We recommend the use of the transparent sticker specially designed for windows graphic applications, for its properties of protection against fading due to direct exposure to UV rays and resistance to scratches or various alcohol-based window cleaning solutions.

The window sticker can have irregular shapes, can be printed on any material available on the market (we have all related printing technologies), can be transparent or opaque. It should also be noted that any window sticker can be printed on one side only or can have both sides customised, depending on the particularities of each individual space.

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PLEXIGLASS & PVC DISPLAY

To improve interaction with your customers, you can integrate new communication technologies into your product/service presentation strategy. An example of an application, which can run on a tablet installed on a stand made of either aluminium or plexiglass, can be facilitating the customer to request a taxi directly, whether in a hotel, restaurant or conference centre.

Stands can be made to fit the size of tablets or larger displays and depending on requests the whole stand can be customised (stand shape and print). You can opt for floor stands or desk stands for tablets.

For the body of the stand you can choose materials such as anodised aluminium, brushed stainless steel-look aluminium, stainless steel pipe, plexiglass, coloured and customised dibond, etc. The central body can be illuminated with led tape, the tablet can be removable or secured by fixing with 4 imbus screws, and the base can be fixed or removable from the central body. The tablet case and base can be made of metal material and depending on the requirements can be coated with coloured plexiglass, but it is also possible to opt for brushed stainless steel-look aluminium. For info, stands without built-in tablet, used for exhibitions and points of sale can opt for a similar range of materials. Design and construction costs are significantly lower, and the print can be changed very easily thanks to easy access to the display area. Removable show-room displays can be made, with display on one side or double-sided or in the form of an easel and with pockets leaflet dispenser function.

You can choose from a wide range of existing stock stands and displays or request a price quote for a custom format/design. Made with great attention to detail, the displays or stands can be used to present and facilitate the distribution of flyers, leaflets, catalogues, price lists, menus and other general advertising material. The materials that can be used to make these products are Plexiglas of various thicknesses as well as durable plastic.

EQUIPMENT FLEET
POSM DISPLAY
PACKAGES
&
PRODUCTS
TRADE MARKETING

DURST P5 350

The DURST P5 350 hybrid UV printer is a top of the range printer, that managed to win first place in the EDP Awards 2021, for productivity and versatility in the flagship printer category. The european association EDP (European Digital Press Asociation) awards the most important technology awards in the European printing industry.

To achieve this performance, the printer incorporates state-of-the-art technology in the field of large-run digital printing.

The equipment's core feature is high-speed large format printing on a wide range of materials with widths up to 350 cm and unlimited lengths. It includes innovative technologies such as variable drop size modulation (up to 7 picolitres).

This enables photographic-quality printing (thanks to very small droplets that ensure fine detail) and economical ink consumption, with the print software automatically optimising the size of each droplet according to the needs of the image area to be printed. At the same time, very good quality grayscale gradients can be created.
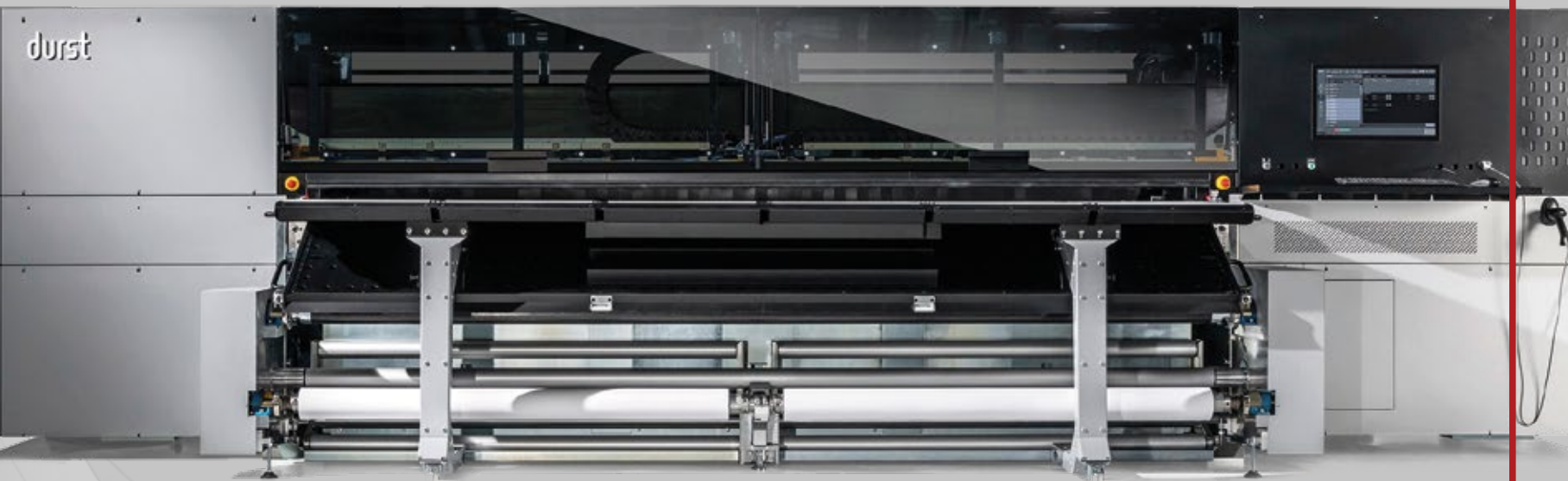
The hybrid technology offers printing solutions for both media roll and direct-to-plate printing on rigid media, giving the equipment great versatility.

Thus, the hybrid printer is used for direct printing on materials such as: corrugated board, laminated board of type honneycomb - Reboard, duble chalk and duplex, alubond and other metal derived materials, PVC derived materials (DISPA, STADUR, Plexiglass, KAPPA, Acrylic, Polycarbonate, Backlit), wood derived materials (HDF, MDF, Chipboard, HPL) and flexible roll materials (paper, textile, banner, backlit, etc).

UV printing technology directly onto the media also ensures very good adhesion, good scratch resistance and very good quality of printed images.

Green Guard Gold certified ink and LED technology ensure that products can be produced with minimal environmental impact. The new LED lamp technology uses up to 60% less energy than traditional Mercury lamps and is ozone-free. This means that customised displays or packaging can be FSC certified and fully recyclable.

Current production capacity of approx. 4 million sqm/year, is to be steadily increased by the installation of the DURST P5 250WT water-based ink printer and the high-speed DURST RHO 2500, so that the total capacity will reach a maximum of 10 million sqm/year.

DURST P5 250WT

As a next step in developing our production capacity and our policy of minimising our environmental impact, we planned to purchase a new high productivity water-based ink printer. The DURST P5 250WT hybrid printer is an innovative printer with minimal environmental impact and is the newest technology launched by DURST.

The entire printing technology has been changed to make it possible to print in large format, with an ink certified for recyclability (according to PTS-RH 021/12) and compliant with the UL ECOLOGO standard. Achieving these certifications was made possible by the absence of VOCs and associated odour in the ink composition, the absence of mineral oils, the absence of substances of very high concern (SVHCs) and the use of heavy metal-free organic pigments.

As a further confirmation, the ink was able to meet all requirements including certification for packaging used in the food industry. The print quality using 6 colours (for a high gamut and the most faithful reproduction of Pantone colours) is unprecedented in this segment, reaching a level similar to offset and litho technology.

The equipment's basic feature is high-speed large format printing on a wide range of materials up to 250 cm wide and unlimited in length only by the format of the raw material available.

It includes innovative technologies such as variable drop size modulation up to 7 picolitres. This enables photographic quality printing (thanks to the very small droplets that ensure fine detail) and economical ink consumption, with the print software automatically optimising the size of each droplet according to the needs of the image area to be printed.

Very good quality grayscale gradation can be achieved, with print quality similar to offset and litho printing, which is particularly good when printing large format.

The new LED lamp technology uses up to 60% less energy than conventional mercury lamps and does not generate ozone. This will allow customised packaging and displays to be FSC certified and fully recyclable.

Current production capacity of approx. 4 million sqm/year, is to be steadily increased by the installation of the DURST P5 250WT water-based ink printer and in the future the DURST RHO 2500 high-speed printer, so that the total capacity will reach a maximum of 10 million sqm/year.

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FUJI ACUJITY HS ADVANCE

The Fuji Acuity HS Advance UV printer is equipped with a fixed, true flatbed table for very good registration and a production capacity of up to 30,000 sqm/month.

Thanks to the 1200 dpi photographic level resolution, Caldera Grand RIP colour management software, FOGRA and PANTONE certifications, jobs requiring a high degree of accuracy can be produced.

The flexibility of this UV ink printer is exceptional, printing on virtually any rigid material up to 5.08 cm thick, such as: Corrugated Cardboard, PVC, Polycarbonate, Forex, Foam, Polystyrene, Acrylic, Metal, Aluminium Composite, Wood, Stone and many other rigid or flexible materials.

For large runs and sizes we use the DURST P5 350 Hybrid UV digital printer (previously shown), which allows printing on rigid materials with widths up to 350 cm and unlimited lengths.

With roll-to-roll functionality, it can also print at high speed on various flexible roll materials (textile, paper, backlit and other PVC derivatives). The total production capacity thus increases,
 to a maximum of around 300,000 sqm/month.

In conclusion, the easiest thing to remember is the possibility of printing on any type of rigid or flexible material, whether we are talking about the advertising production industry or other industries such as glass, furniture or leather.

CNC
ELITRON KOMBO TH

The Elitron Kombo TH CNC is a complex industrial equipment with digital control, 2 decks equipped with 2 multitool motors, on which up to 3 types of tools can be mounted simultaneously for various types of finishing (cutting, creasing, milling, etc.).

Production capacity is thus doubled as the 2 decks work in tandem with the help of advanced production efficiency software. The working speed of each engine head can go up to 102 m/min. and an acceleration of 1.4G. The technology thus available is perfectly suited to the processing of corrugated board of standard dimensions 3050 x 2050 mm or larger, allowing displays to be produced from a single board. The equipment is extremely versatile and can cover a wide range of rigid or flexible materials that can be finished.

With the 3KW high power milling cutters (industry standard is 1KW) rigid and hard materials can be processed such as wood derivatives (HDF, MDF, Chipboard, HPL), metal (alubond/dibond), PVC (Dispa, Stadur, Plexiglass, Kappa, Acrylic, Polycarbonate).

Another useful application is variable angle cutting, so that displays, packaging, furniture or any other Reboard structures can be made.

Honneycomb board with laminated and UV print treated faces, provides very good weight resistance, an example is for beverage industry displays, where we encounter weights of over 30 kg per tray and over 120 kg per display. For displays with very good weight resistance, wood-based materials such as HDF or MDF can also be used, and the equipment finishes them successfully with high-power milling cutters. For packaging production, it is planned acquisition of a fully automated feeding and stacking CNC - Elitron Kombo TAV and a large stamping press. This will increase production capacity to around 10 million square metres per year. This equipment is one of the most environmentally friendly, by reducing production scrap and waste and by low operating and maintenance costs.

In conclusion, we can note that this extremely versatile equipment with great precision can finish most of the rigid and flexible materials used in the industry, with a pronounced innovative character both in terms of software for optimising industrial production, and the technology used. In short, the Elitron Kombo TH ensures innovation in the production process, high productivity and low operating costs.

ESKO KONGSBERG

Simple print on rigid materials cannot have the desired marketing effect if it is not transformed through various finishing touches into final trade marketing and promotional products.

The latest generation digital finishing table, produced by the world's leading manufacturer ESKO Kongsberg, also ensures exceptional versatility thanks to the possibility of attaching different tools for each type of material.

This allows materials such as corrugated cardboard, PVC and other derivatives from plastic, wood, metal, leather, etc. to be cut and finished.

As an example, the optional Psaligraphy tool allows for very fine details and precision cuts.

Another useful application is kiss-cut the top layer of stickers, large labels and sticker materials in general.

This finishing table is complemented by the Elitron Combo TH CNC, which, with its high-power cutters, can contour cut and finish edges for very hard materials. The CNC is configured with 2 decks with 2 motor groups working in tandem to double the working speed.

The usable area is 210x320 cm, allowing you to finish prints on large rigid materials.

Prices are calculated according to the complexity of the job, and for a medium complexity the price of cutting and finishing is approx. 4 euro + VAT/sqm.

CNC
APPLIED ADHESIVE

Next, in the production line of corrugated cardboard packaging and displays, we use the Phoenix FService plotter produced in Italy. It ensures industrial level productivity, thanks to its configuration with up to 4 independent work stations and its automation (height sensor lifts for automatic stack adjustment, programmable system via integrated tablet, etc.), it also has an automated adhesive application head driven by 3 brushless motors and can reach speeds of up to 2m/s.
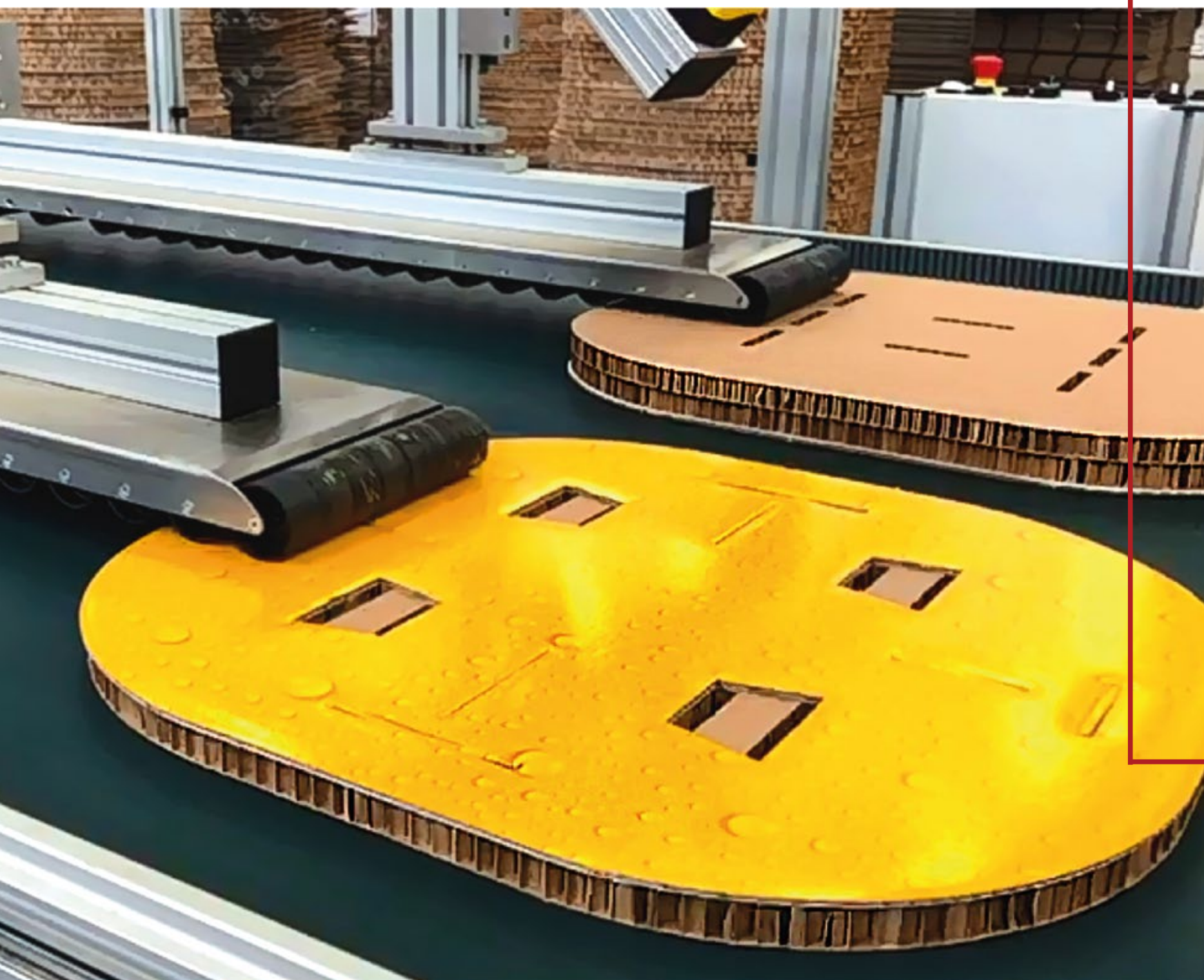
The plotter benefits from digital adhesive application control with two possibilities, both hotmelt and cold water-based adhesive. It is specifically designed for the manufacture of corrugated packaging, stands, displays, totems and POS/POP, guaranteeing high production speed and a marked improvement in gluing quality.

The gluing quality is given by the speed of application of the adhesive, as it is known that industrial adhesives have a very limited time in which they fully preserve their gluing properties (approx. 1-2 min), but also by the possibility of applying the adhesive in certain patterns (multiple lines, sinusoidal, concentric circles or even flower-shaped), so that all the areas where gluing is required are optimally covered. This results in firm, edge and full-surface glues in the contact areas of the cardboard that cannot be accidentally or intentionally peeled off.

When making the sidewalls and trays for floor display stands, it is essential to obtain firm and uniform gluing so that no curling effect occurs or the strength of the entire display is lost due to the two layers of corrugated cardboard that make up the sidewalls coming loose. This technology, correctly implemented in the manufacturing process, allows the production of floor stands with strengths of up to 100 kg per display and 25 kg per pole.

UNIFORM GLUING PRESS

In addition to the production process of corrugated cardboard packaging and POSM displays, we use a roller conveyor type press produced by FService Italia.

This system for forming, taking over and pressing the elements of the packaging and displays achieves a uniform and firm gluing by simultaneously and continuously pressing the elements to which industrial adhesive has previously been applied.

The quality of the bonding is determined by the speed of application of the adhesive, the possibility of applying the adhesive in certain patterns (multiple lines, sinusoidal, concentric circles or even in the shape of a flower) and the correct and uniform pressing over the entire surface of the elements of a display or packaging.

This results in firm, edge-to-edge and full-surface glues in the contact areas of the cardboard, impossible to peel off accidentally or intentionally.
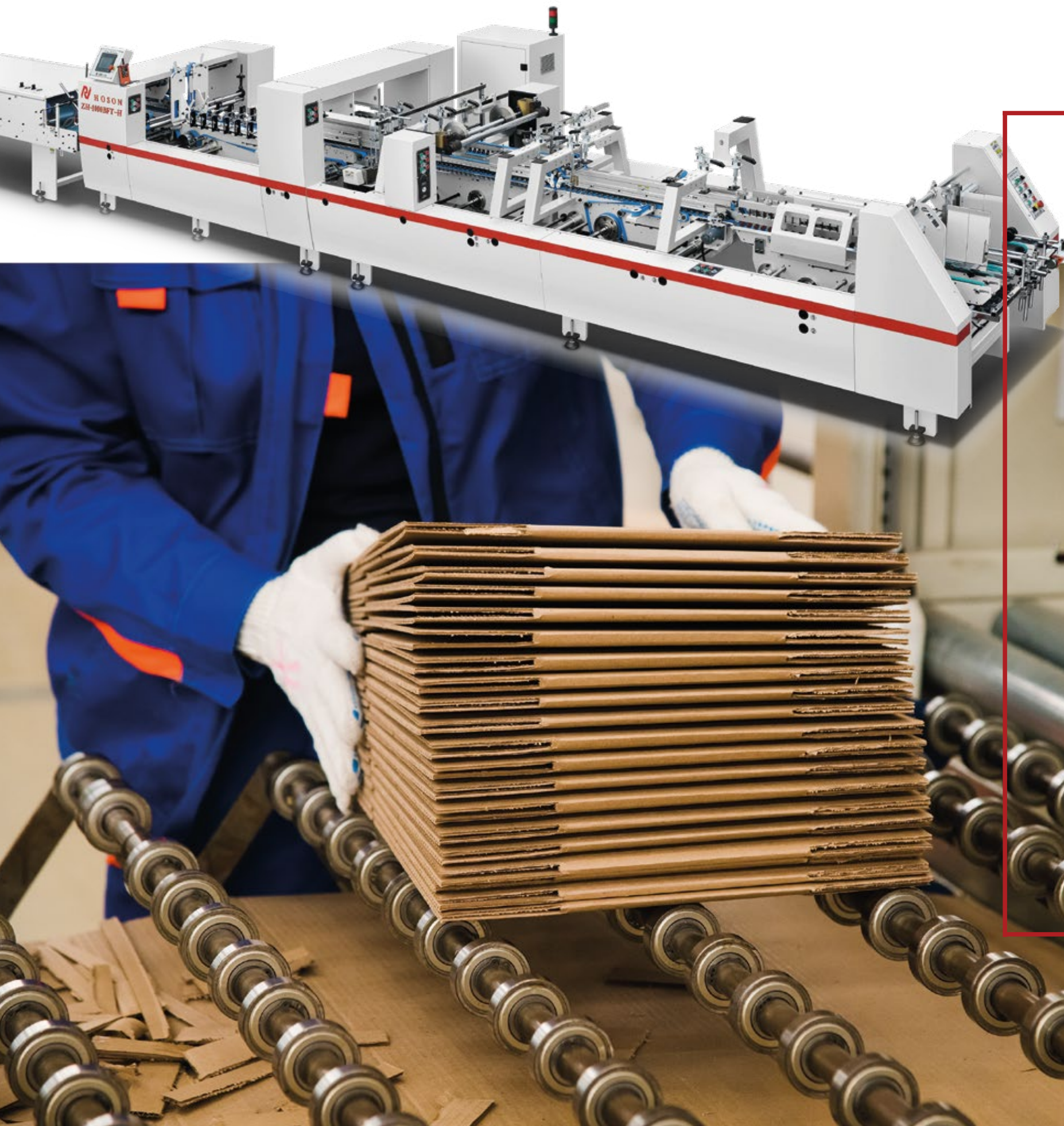
When making sidewalls and trays for floor display stands, it is essential to obtain firm and uniform gluing so that there is no curling effect or loss of strength of the entire display due to peeling of the two layers of corrugated cardboard making up the sidewalls.

The industrial production line for cardboard packaging and displays, consisting of a large format printer (350 x 400+ cm), CNC with digital finishing (cutting, creasing, contour trimming, etc.) and an automated industrial adhesive application plotter, is perfectly complemented by this very important press for obtaining a correctly manufactured product at all stages of production. Thus, displays made from a single board, correctly glued and formed, have an impeccable visual appearance, are resistant to heavy weights and have a better durability over time.

This technology, correctly implemented in the manufacturing process, allows the production of floor stands with a resistance of up to 100 kg per display and 25 kg per pole.

DUPLEX CARTON PACKAGING

The HOSON ZH 1000-BFT-H cardboard boxes forming and gluing machine is an industrial level finishing machine with 3 corner gluing, capable of high speed operation up to 300 m/min.

Gluing can be done with both adhesive and double-sided tape. Thanks to the 3 glue tanks the base of the box can be made automatically.

The existence of the 3 folding units allows the production of a wide range of duplex cardboard packaging, such as self forming (crash-lock) base boxes, straight line boxes and double wall boxes.

The forming and gluing line for duplex cardboards is fully automated, with an additional final pressing station for the formed cartons, so that the volume used for transport can be compacted more efficiently.
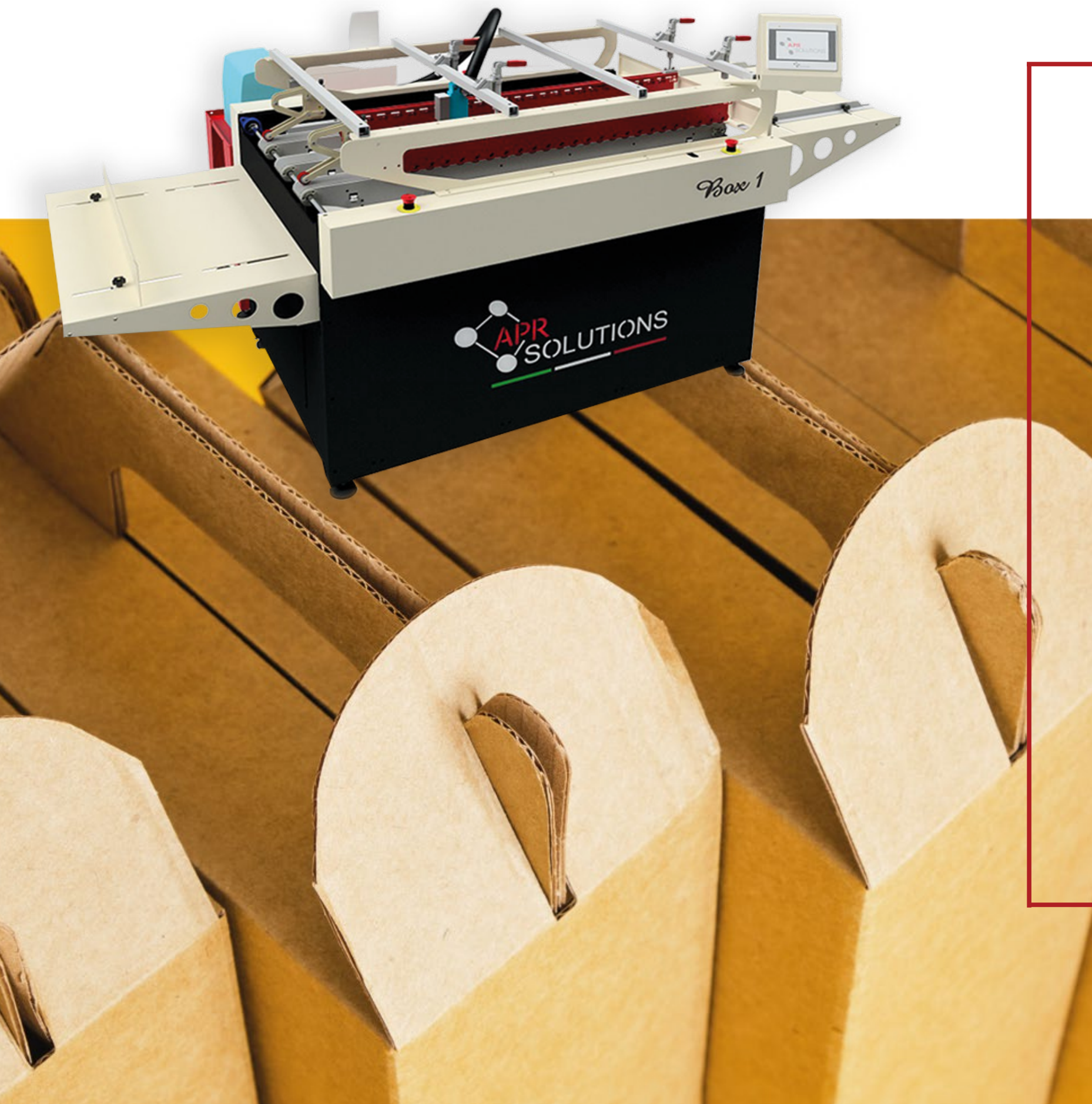
The maximum format is 780 x 600 mm, the thickness of the cardboard that can be used is between 250g/sm and 650 g/sm, and the production capacity can go up to about 300,000 boxes/day.

Virtually all types of boxes from duplex cardboards can be produced at high productivity, as well as a range of other products for special applications.

A good example of this is the possibility to produce cardboard envelopes for prepaid cards by automatic application of double-sided adhesive tape.

CORRUGATED CARDBOARD PACKAGING

The BOX 1 equipment, produced in Italy by APR Solution, is used for forming and gluing corrugated cardboard packaging in small and medium runs, with versatility as its main feature.

In practice, it can produce both corrugated cardboard packaging and packaging made of other types of materials, whether we are talking about small or large packages, and it can also be glued with hot glue or with double-sided tape.

The maximum infeed format is 720x1020 mm, but small boxes can also be made, with a minimum infeed format of 80x100 mm.

Productivity is due to the fairly high operating speed of up to 120 m/min.

The equipment is equipped with a hot melt glue station and 2 application guns as well as an electro-pneumatic double-stick tape applicator.

The versatility of this equipment makes it possible to use it also for the application of double-sided adhesive tape on the component parts of self-forming displays (to be assembled by the customer directly in the retail space).

The double-sided tape solution is also useful for posters and various rigid materials used for trade-marketing or signage.
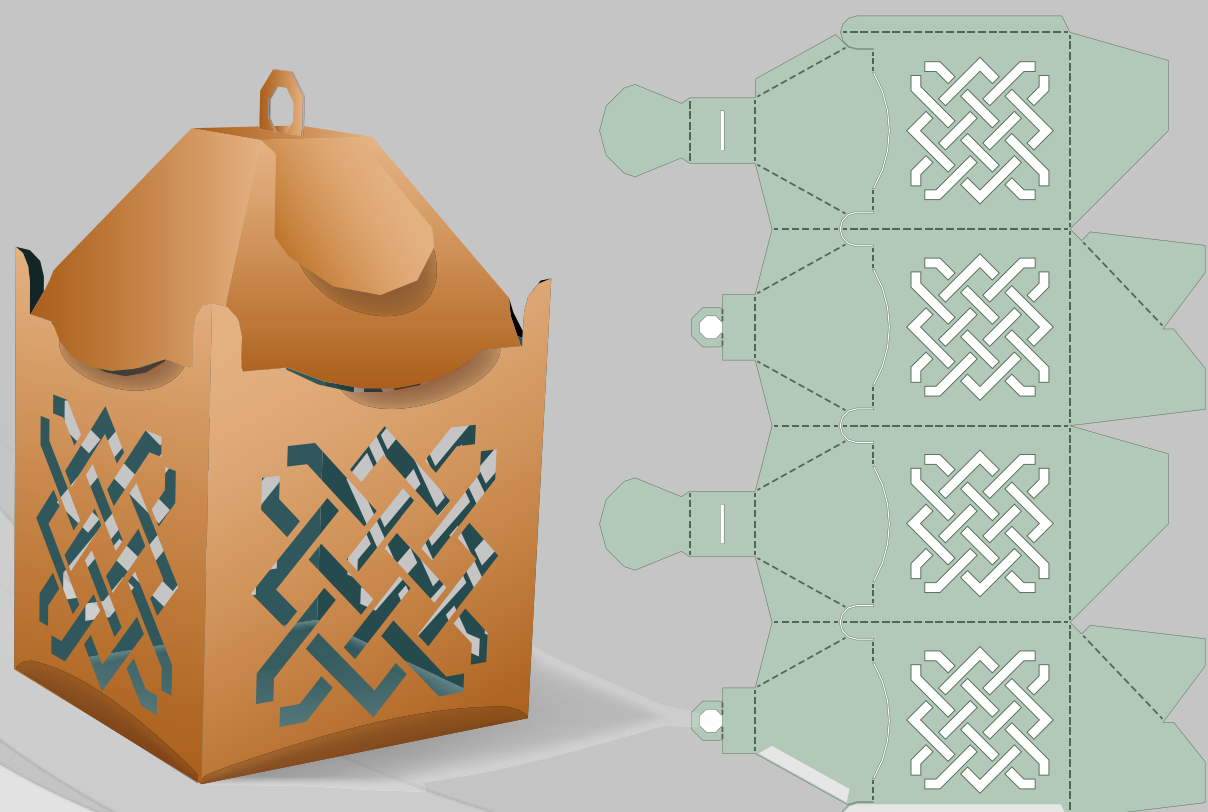
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FLEXIBLE STAMPING

The Horizon RD-4055MD flexible stamping machine allows you to accentuate the embossing effect, thanks to the distance between cylinders of up to 600 microns. Thus, pharmaceutical packaging can be marked with text in Braille alphabet that is obvious and easy for users to follow.

The rotary stamping technology brings additional advantages such as shorter set-up time, less material loss, allows more complex shapes, is faster and can automatically remove the surplus from the desired shapes by pneumatic deburring.

An important advantage offered by this stamping equipment is the possibility of stamping complex shapes, as conventional stamping machines are known to be relatively limited in this respect. In addition, it offers a higher yield because in a single pass, in addition to these special shapes, it can be achieved finishing such as kiss cut, embossing, piercing, braille and deburring.

This equipment is designed to meet the growing demand for different production runs. It can feed, stamp and separate in a single pass at speeds of up to 6000 cycles per hour, formats up to 400 x 550 mm and cardboard thicknesses up to 400 gsm. The Horizon stamping machine also benefits from other innovative technologically advanced systems such as: electronic adjustment system, ultrasonic double sheet detection sensor, 2 magnetic cylinders for very good registration, vacuum belt and vacuum deburring, etc.

ECOSOLVENT INK PRINTING

The ROLAND Soljet PRO4 XR640 digital printing and contour cutting equipment installed in 2019, is the top level of RolandDG production equipment. Productivity being up to 25,000 sqm/month in print mode in 8 colours (CMYK, Light Cyan, Light Magenta, Light Black and Metallic) and FOGRA / PANTONE certifications, expand the range of products that can be produced from simple banners to the most special car stickers with metallic reflections.

The main advantage being the colour resistance to UV exposure for up to 5 years (requires lamination), we have the ideal solution for office and shopping signage, stickers for car fleets, window graphics and outdoor advertising in general. The ecoSolvent based ink ensures good colour fastness to long term UV exposure and generally good resistance to outdoor environmental stress.

A very important aspect for printing and contour cutting of custom self-adhesive materials and stickers is the integration of print and cut functions in one automated process. This ensures that the cutting accuracy reaches the current technological maximum and that the personalised self-adhesive materials will be able to comply with the most demanding standards.

LATEX INK PRINTING

The HP 375 latex ink printer offers the best cost/quality ratio thanks to its large capacity 3 litre toners. Up to 30% lower costs for ink, attracting final price reductions for printed materials of up to 25%.

Latex-based ink properties ensure highly flexible and scratch-resistant prints. The ink is GREENGUARD GOLD certified, which makes it suitable for any indoor space, even though its properties also ensure very good performance for outdoor exposure. The latex inks print is versatile, flexible, scratch resistant, making it suitable for virtually any product intended for both indoor and outdoor use.

As a production range printer, capacity can be up to 35,000 sq m/month in 6 colour print mode and where double sided automatic printing is required.

Thanks to the ability to print directly onto synthetic or natural textiles (including porous textiles - integrated ink overflow collector), Caldera RIP software and PAN-TONE and FOGRA certifications, this printer is the optimal solution for light boxes with textile printing, textiles in general, wallpaper and other wall decoration elements.

The range of products that can be produced is vast, and it is possible to make light boxes, banners, posters, display systems such as: popup spider, info desk, rollup, people stopper, hangers, etc. with high economic efficiency.

WATER BASED INK PRINTING

Canon ImagePrograf prints with 12 colours (the highest colour count available), is capable of providing the best colour gamut and highest level of print fidelity.
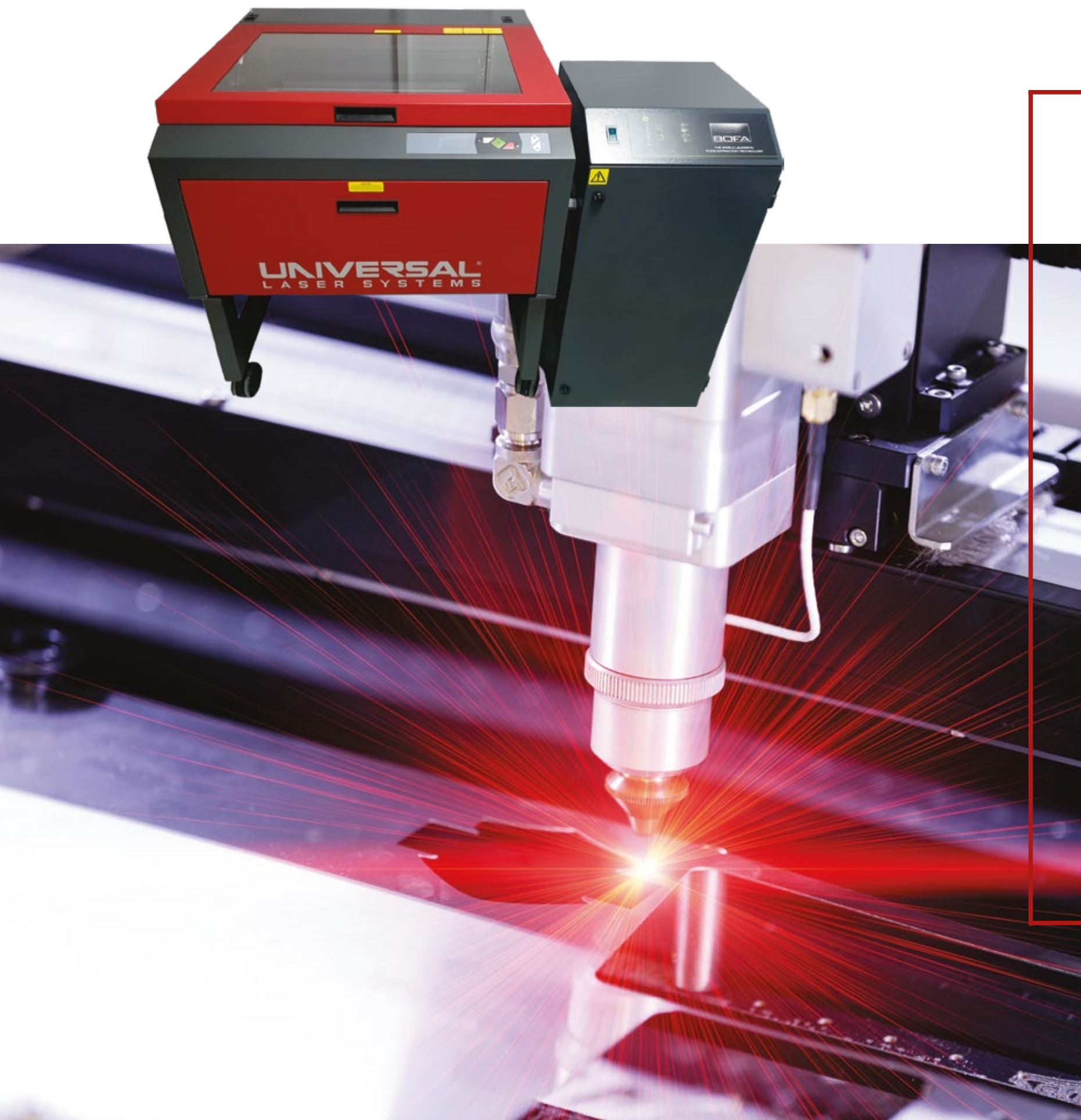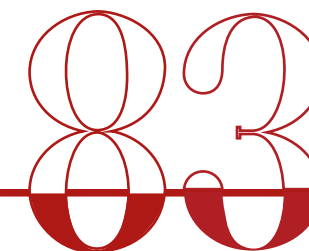
Being fully compatible with ICC FOGRA profile-based colour management systems, working seamlessly with the Caldera RIP, Adobe Photoshop plug-ins and having built-in calibration solutions, it becomes the ideal equipment for professional proofing, Fine-Art products and the photographic industry.

The ink used is water-based, odorless and free of harmful chemical solvents (it was awarded ink of the year 2017), the prints produced have 100% compatibility for indoor office environments, commercial spaces, hospitals and even kindergartens or other sensitive environments.

Equipped with 3 Canon water-based printers, we can achieve a production capacity of up to 45,000 sqm/month, so we can successfully cover any indoor request.

LASER PHOTOENGRAVING

For extremely fine detail, for photogravure on metal, leather or other premium materials, we preferred the laser solution produced by Universal Laser System from USA.

The laser source provides up to 30,000 hours of operation and the size of the materials that can be engraved/cut is 584 mm wide, 229 mm thick and 737 mm thick (with the possibility of adjustment up to 2000 mm long).

The trademarked 1-Touch Laser Photo software, is a unique laser photo engraving solution that enables engraved photos to be produced in unrivalled quality.

The range of materials that can be laser processed is virtually limitless, allowing the production of signage, customised promotional products, mockups, industrial parts, etc.

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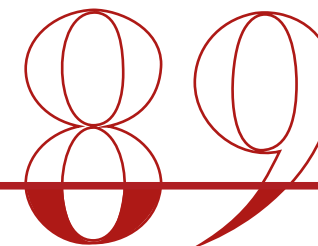SUMI AGRO

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