

LABELS & LABELING

# YEARBOOK

& DIRECTORY 2017

## PRESS TECHNOLOGY TRENDS

A big year for developments in both conventional and digital presses points to a ground-breaking Labelexpo Europe 2017

## *Global* TRENDS

L&L's editors around the world reflect on the labeling year 2016 and future trends in their regions

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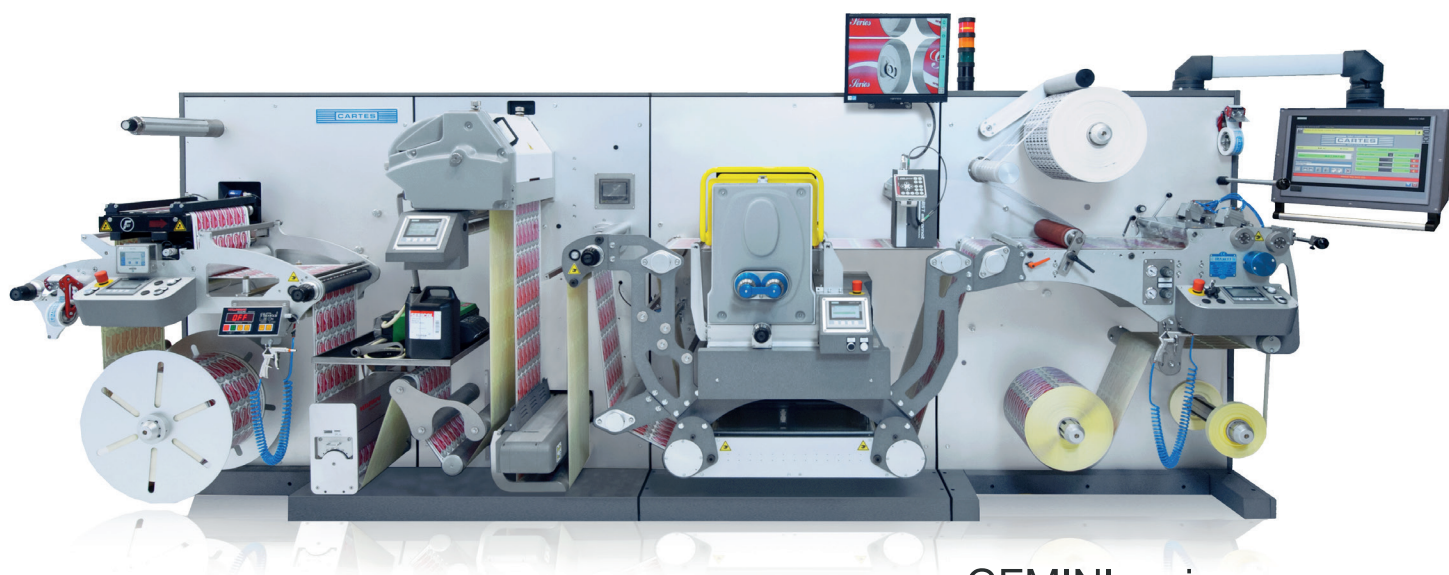
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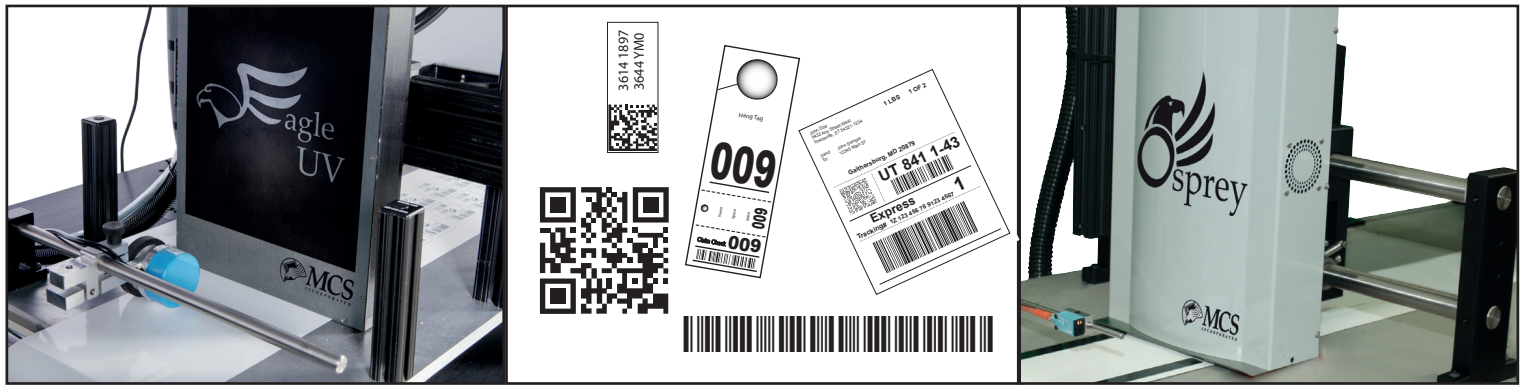
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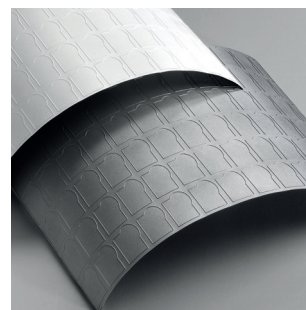
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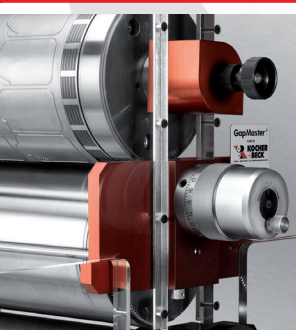
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## Editor's Welcome 2017



**Andy Thomas**  
*Group Managing  
Editor*

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Welcome to the Labels & Labeling Yearbook 2017 edition. As we look back on the past year and forward to 2017, a key trends emerges – converter-side industry consolidation.

It is worth comparing where we are now as an industry with the hurricane of closures and acquisitions which swept through the commercial print industry in the years since I edited a magazine called *British Printer* back in the early 1990s. As end user marketing budgets became ever tighter and product cycles shorter, inefficient print companies simply went to the wall, or were acquired by bigger groups, and the industry was forced to take on board new technology to increase efficiency and protect margins.

Like the old-style commercial print industry, the label industry is highly fragmented. When pressure-sensitive technology started taking hold in the 1970s and 1980s, label converting companies were formed at a blistering pace, started either by new entrepreneurs, or by press operators leaving established companies to start their own. This was driven by the high growth rates across the industry in the 1980s and 1990s and the novelty of pressure-sensitive labels for many end users, meaning all these small new companies could thrive. The entry cost for a basic letterpress or flexo press, new or second hand, was relatively low and there were plenty of well-trained operators to work them due to firmly embedded apprenticeship programs.

Today, we face a very different scenario. In developed markets pressure-sensitive growth rates are barely above 2 percent; end users have consolidated their buying operations on a regional and often on a global basis and squeezed converter margins; the cost of the most efficient converting machinery and surrounding workflow and ancillaries is far higher; run lengths continue to come down as product

variation and shorter marketing cycles become the norm; and there is a global shortage of trained press operators.

In this situation, medium-sized converters have found it increasingly difficult to remain profitable. Not able to achieve the scale to compete with the large groups, they have been the principle acquisition targets of behemoths like

CCL and Multi-Color Corporation. Even on a regional scale, we see the formation of groups – in L&L recently we covered Nuceria's acquisition of Turin-based Appia, which is a perfect example of this trend.

To avoid this fate, mid-sized (in German, 'Mittelstand') companies need to specialize in multi-process workflows which add real value to end users, combining conventional or conventional/digital print and finishing processes which will form the core displays at Labelexpo Europe in September 2017.

Into this mix comes the Rako, X-Label and Baumgarten merger, which opens up possible new models for consolidation.

These types of co-operative arrangements mean each company retains its own internal structure and cohesion and voluntarily puts into the mix the products and facilities which fit in with a commonly agreed group strategy. In theory this should avoid the disruption and culture clashes that often – though by no means always – accompany acquisitions.

Technology is pushing in a direction which supports such strategies. Secure networks allow the exchange of color-matched pre-press files and profiles, meaning jobs can be color matched on both conventional and digital presses at multiple print sites; MIS packages allow managers to move work between sites and to obtain real-time feedback for planning purposes. On this topic, I recommend reading Mike Fairley's exciting look at the future of automated production on page 11.

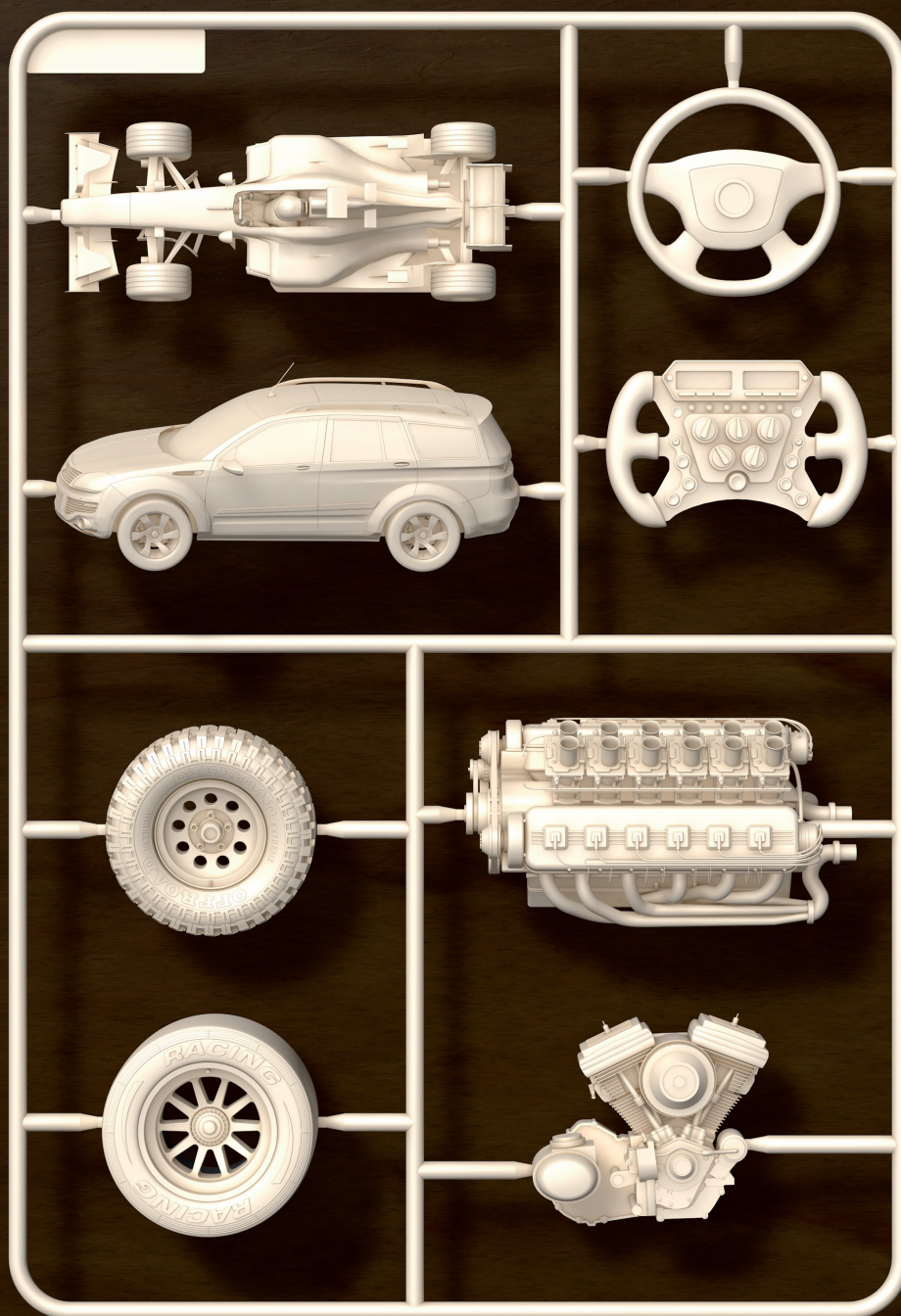
And what about the other end of the spectrum – the small converting operation (up to 5m USD turnover)? All the signs are that despite the profitability challenges facing the industry, companies at this scale which are prepared to invest continue to thrive, being small enough to service local label buyers and flexible enough to switch production rapidly between short product runs, as well as filling niches as industry-only suppliers.

Charles Darwin correctly noted that it is not the strongest that survive – but the most adaptable. It will be fascinating to see which models allow label converters to survive and thrive in the next ten years.

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# Printing trends for 2017

*Andy Thomas looks at Labelexpo Americas for trends in conventional and digital printing*

**T**he Labelexpo shows which alternate between Brussels and Chicago give us an excellent snapshot of wider trends within the label printing industry.

One clear trend evident at this year's Labelexpo Americas was the blurring of lines on short-to-medium run lengths between faster digital presses and a new generation more efficient flexo and offset conventional presses.

HP Indigo, for example, is looking to directly challenge flexo printing even on medium to longer runs with its 8000 printing platform. The press runs at up to 80m/min (256ft/min), with the option to include in-line semi-rotary die-cutting with ABG's new Fast Track. To maintain quality assurance at these speeds, AVT has integrated a new in-line closed loop inspection system, the Helios S Turbo.

At the same time, conventional press manufacturers showed an array of presses dedicated to efficient short run work.

Omet's 'entry level' iFlex press has a range of features which help it compete on short and medium run work. 'iLight' laser beams on the print and die stations allow print and print to die-cut register to be achieved before press start and 'iVision' cameras keep the press in register. The shaft-driven press was demonstrated running extended gamut inks. This requires highly accurate register control, made

possible by the direct drive from shaft to print and converting units.

Faster changeover on in-line converting units is a major factor in increasing conventional press efficiency. MPS showed in Chicago for the first time its EF 430 Neo press with a new side load die-cutting unit called Chameleon RobustCut, developed jointly with EMT. This allows fast die exchange from a pre-loaded cart in under one minute without the need for a hoist. The two companies claim the unit has equal stability to vertical die stations at speeds up to 650ft/min on web widths from 13 to 20 inch.

It was significant at Labelexpo Americas that more press manufacturers were running extended gamut ink sets, meaning spot colors are simulated out of 4-7 process colors and there is no need to make special spot color plates or to wash the press down between job changes.

MPS, for example, ran a series of demonstrations with Kodak producing an 8-color job out of CMYK.

In the high-end automated category was Nilpeter's FA-4\*, shown with FP-4 unit for hot foil and embossing and again printing Expanded Gamut jobs.

Codimag demonstrated its Viva340 Evolution press printing with extended gamut inks (six colors out of CMYK+OGV) and using Presstek Zahara water-processed plates, claimed competitive down to run

***"Labelexpo Americas 2016 revealed the continuing march of inkjet print technology"***

lengths of just 1,000ft (300m), particularly if off-line finishing is adopted.

## Digital embellishment

Digital printing is at a major crossroads as we enter 2017, with a vast range of possible applications and options. Not only are we seeing a range of configurations offered – stand-alone with off-line finishing, hybrid conventional/digital or in-line digital – but we also see inkjet integrated as a finishing and even a first down white option.

Codimag, for example, demonstrated its waterless offset Viva340 Evolution press with a Xaar inkjet bar printing opaque white on the first station, replacing a semi-rotary screen unit.

Post-print inkjet coating, both in-line and off-line, allows fully variable spot gloss and matte varnishing and other decoration effects including digital cold foiling, and this was demonstrated by Konica Minolta on the MGI JetVarnish 3DW, an off-line



Codimag Viva340 showing  
Xaar Digital white inkjet unit

*“A major debate in the digital world is what configuration is most efficient – in-line or off-line finishing?”*

unit which allows spot UV varnish, 2D/3D embellishments and foil stamping to be added digitally to preprinted rolls of labels.

Domino's Textures system integrates inkjet varnishing into the N610i digital press, and Epson's new SurePress 6034VW press also has integrated (LED-UV) varnishing included in the base configuration. Not only can these varnish units apply variable spot matte or gloss coats, they can also take down the shininess and tactility inherent in the UV cured ink process.

HP Indigo and JetFX have jointly developed Digital Combination Printing technology which enables single pass production of digital spot and tactile varnishes and digital foils in-line with an HP Indigo WS6800 press.

Xeikon also plans to make use of inkjet in its Fusion 'digital combination' concept. Fusion is a modular series of digital units which will include a high opacity white, digital foiling and spot varnish, positionable either before or after the 4-5 color Xeikon printing unit. Fusion modules will be retrofittable to Xeikon's existing presses at different speeds and web widths. A label converter in Belgium is the beta site, where a CX-3 has been combined with White and foiling modules for the health and beauty market.

### Digital printing

Labelexpo Americas 2016 revealed the

continuing march of inkjet print technology. Epson added to its hugely successful water-based inkjet press its first single-pass industrial print system, the SurePress L-6034VW. The press is unique in using Epson's own low migration LED-UV curing inks and is the first to use the company's PrecisionCore linehead technology.

Mark Andy, meanwhile, chose to complement its hybrid flexo/inkjet press with an entry level digital system, the Digital One EP dry toner press. The press images at 1,200 DPI at 62ft/min and includes a flexo coating unit.

Durst has also sought to address the entry level market with its Tau 330 E, which aims to retain the quality of its larger siblings while offering a limit of 4-5 colors and using a high pigmented UV ink set for reduced ink consumption. The press is available in a 330mm width with the same print resolution as the other Tau presses and a top speed of 157ft/min.

Hybrid digital/flexo presses are an important recent development for the big conventional press manufacturers: Nilpeter's Panorama, which matches a Screen-based print engine with a range of conventional FA-4 series print and finishing options; the Mark Andy Digital Series; Gallus DCS340; Omet JetPlus; MPS SymJet; Edale/FFEI Graphium.

Another key digital trend is the growing crossover between commercial print and packaging markets. This is exemplified

by companies like FujiFilm, is involved in wide format, ink and colorants, color management, screen inks and coatings and digital inkjet heads across the whole field of tag and label, flexible, folding carton and corrugated, as well as direct mail.

Similarly with Konica Minolta, which is leveraging its inkjet and electrophotographic technologies in the commercial and wide format markets to speed up digitization of the label and packaging sector. The company's Biz hub C71cf mid-market press – running at speeds up to 60ft/min at 1,200 DPI – is based on the established electrophotographic C1070 series engine from the commercial market. A new partnership with Spartanics offers a laser die-cut option and Aztech Converting is a partner for full rotary die-cutting.

Konica Minolta is also looking at whether its Accurio Jet KM-1 B2 digital carton press might have applications in the sheet-fed label market.

### In- or off-line?

A major debate in the digital world is what configuration is most efficient – in-line or off-line finishing?

Durst now has a program to integrate Omet XFlex X6 modules with its Tau 330 inkjet press, with the most common configuration a priming unit and flexo printhead/die-cutting options on the finishing end.

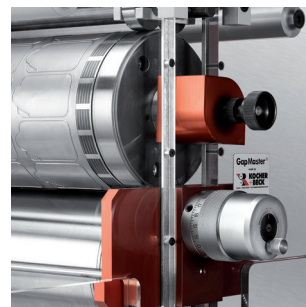
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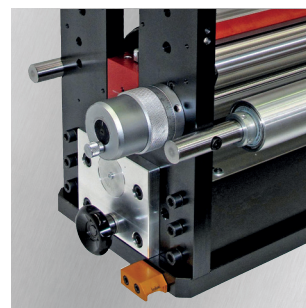
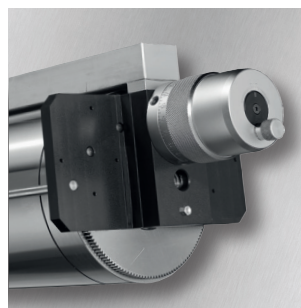
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MGI digital decoration and coating system

### Gallus developments

This feature has concentrated heavily on Labelexpo Americas, where Gallus did not exhibit. However, the company will be a major force at 2017's Labelexpo Europe in Brussels, where it will be both setting and following the industry trends noted above.

Most notably, Gallus is pioneering a new breed of wider, 'entry level' presses with the launch of its Labelmaster series. These 17in machines come with a range of automation and process options, but at base are an extension of the highly successful ECS concept, offering a 'no frills' approach to efficient PS label conversion but in a wider format.

Gallus' partnership with Heidelberg is likely to become increasingly important. The results can be seen both in the Labelmaster design and in the DCS340 Labelfire hybrid digital/flexo press line.

incorporate finishing into their presses, finishing systems manufacturers are integrating digital print into inspection rewinders.

Werosys' Compact finishing line for example, has an integrated CMYK TrojanThree Memjet print engine. The TrojanThree digital print unit is fully synchronized with the semi-rotary die-cut

and slitting operations, and operated from the same HMI. The system runs at 18m/min (48ft/min) at 1,600 x 1,600 DPI. The digital print module can be installed on existing Werosys lines in the field, or combined with any of the Werosys Compact modules.

Similarly, Daco and Inkjet Solutions – which recently formed a partnership – have developed a rewinder with integrated CMYK Kyocera-based digital inkjet system, which can print and convert at speeds of up to 250ft/min. The two companies are now represented in the United States by Sanden Machine.

Another route to digital is to incorporate a 4-color print unit on a conventional flexo press. Colordyne now offers the 3600 Series Retrofit modular inkjet unit, and recently announced a deal with Mark Andy whereby the latter will distribute Colordyne's 3600 Series Retrofit modular inkjet unit to existing Mark Andy presses.

### Package printing

We have been noting for some years opportunities opening up for label converters in flexible packaging, and even cartons on narrow or mid-web presses, both conventional and digital.

Nilpeter's Labelexpo Americas stand had a hefty focus on package printing with the new 22in-wide FA-6\*, shown converting flexible packaging at speeds up to 175m/min (574ft/min).

FA-6\* configurations can include one

or more multi-purpose MP-6 converting units. Designed as 'quick-change' platforms, they have automatic unwind and rewind capabilities. These units offer multiple high intensity air drying and UV curing of process work, inks, adhesives and coatings. In-line functions include high-speed solvent and water-based flexo printing with a reverse-side printing capability (using FA-6\* repeat lengths). A UV-cured lamination capability includes glossy effects, surface protection, barrier solutions and cold foiling. Solvent- or water-based dry lamination capability is available for special laminates, barriers, pouches and sachets. GEW's fully air-cooled curing LED-UV system, LA1 was featured on the FA-6\*.

Mark Andy showed a P7 press fitted with the ProLED UV curing system converting flexible packaging jobs using low migration UV LED inks with in-line solventless lamination technology.

Bobst demonstrated its M6 UV flexo press with a system to constantly monitor UV ink curing on the press. Named UV Track, this system uses two sensors to test and track the ink curing safety directly on the substrate during rather than after printing, with ink safety on each printed meter certified. An ink safety certificate for the whole roll is available immediately.

Reinforcing this trend, GEW presented its multi-point in-line UV monitor, consisting of calibrated sensors positioned along the length of the lamp to continuously measure the intensity in a UV curing system. Multipoint continuously reads and records the actual intensity across the full width of the lamp, calculating the UV energy dose on the substrate with 'great precision'. A dose monitor is set to alert the operator before the wrong dose could have an impact on production. Low UV output, which would not adequately cure, is thus avoided, as is insufficient output from a degraded lamp.

HP Indigo is having increasing success with its 20000 digital press running flexible packaging substrates, demonstrating the Karlville Pack Ready laminator to deliver printed flexible packaging with zero cure time.

At the same time, Xeikon is pushing into the digital carton space with the launch of its FDU flatbed in-line die-cutter.

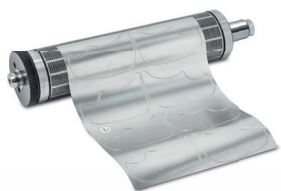


For more detailed coverage of Labelexpo Americas 2016, read the show review in L&L issue 5





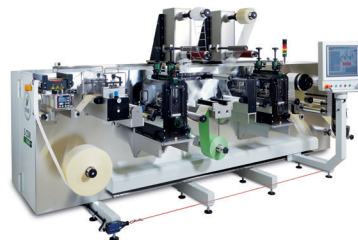
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**B**eing a label converter in the 21st century has undoubtedly come at one of the most demanding periods in the industry's recent history. Run lengths are decreasing, lead times continue to get shorter, environmental and waste pressures continue to grow and quality demands increase. Consequently, margins tend to get depressed and many converters have seen their profitability decline. Reports from many parts of the world indicate that a quarter to a third of label converters are in the caution or danger area in terms of financial viability. Not good news for the industry's future.

However, there is much for the industry to celebrate when it looks ahead. Technology advances, new software solutions, E-commerce, the introduction of 'Cloud' computing and the 'Internet of Things,' together with an ever faster rate of business integration and workflow automation, are all rapidly moving towards an industry that will be more streamlined, more automated, and more profitable in the future.

Part of the drive towards greater automation has initially come from the world of digital printing, where shorter run lengths and quick turn-rounds have created the need for enhanced pre-press automation, more sophisticated color management, ever-improving digital front ends (DFEs) and moves to integrated inspection and finishing. This, in turn, has now evolved into increasing automation of conventional analogue presses and processes.

Shorter run lengths and quick turnarounds also started to create bottlenecks in the business administration process, with more order processing, more demands on production scheduling, more demands on inventory control, and more invoicing. Today, all these stages are being integrated into increasingly sophisticated Management Information Systems (MIS) which fully integrate the whole administration process into one streamlined and automated workflow. This can be seen in the diagram below.

## Information hub

MIS systems today enable everything from materials purchasing, to production, distribution, invoicing and accounts information to be held in one computerized system, integrating with other applications, including desktop productivity tools, press management control systems, inspection, finishing, inspection, accounting and administration systems and supply chain integration.

Systems are fully integrated so data only has to be entered once

and changes ripple through to other modules automatically. For example, if a customer changes the quantity required on an order, the computerized system automatically adjusts the works order, re-times the job, adjusts the production schedule and stock control – and then re-calculates the quantity of raw materials allocated.

At the hub of an MIS system is a database that holds all the details required to manufacture, stock and sell the label or printed package products, including press requirements, tooling, colors/inks, plates and finishing. Materials order/stock modules include barcode-driven traceability and details of substrates. An origination module provides full control of design, proofing, platemaking, etc; the specification of the label drives the automated production planning process.

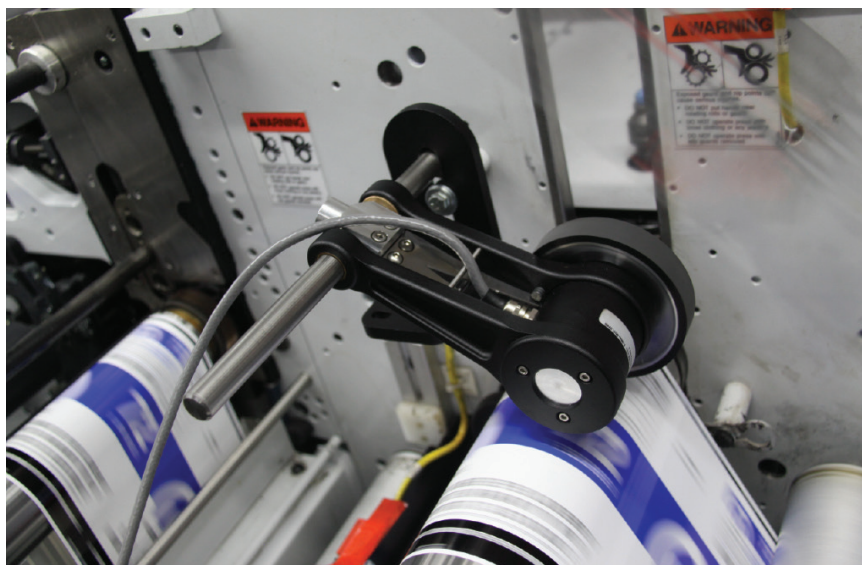
Modules used for job planning and production scheduling in the label or package printing plant are today an essential element of a MIS workflow system and can provide full visibility of machine capacity, both short and long term, and offer detailed scheduling of each production step of the job, from customer approval right through to shipping. Depending on the software it may also be possible for press operators to consult their work schedule on their press or feed back what they are actually doing. A change in schedule can be automatically seen on the shop floor.

Label and package printing production environments may change dramatically from one day to another, one shift to another, or even hour by hour. This means that the system needs to respond to the unexpected and quickly be able to identify backlogs and to modify existing production or press schedules. Flexibility in a system is therefore paramount. Keeping it simple makes scheduling manageable. Fast and responsive production scheduling is one of the major keys to successful supply-chain management, in some cases even linking customer's and supplier's schedules together.

## Real time

Increasingly, MIS systems are starting to offer real-time feedback of shop floor activity to the scheduling board or screen via job tracking terminals or JDF capable systems. Others may look to define the current running efficiency as a resource for operators, or identify machine faults to automatically adjust running time of operations. Some can provide an out of sequence alert, indicating jobs started early or not as planned, and so alerting the scheduler.

Outside of the main label and package printing MIS system,



there are now an increasing number of print quality inspection, color, fault, barcode and other inspection solution available, both software and hardware - many of which (including AVT and AB Graphic) are already being integrated with Esko's Automation Engine and MIS systems.

Esko's Automation Engine serves as the heart of any pre-press production operation, integrating workflow automation with quality control. It comes with extensive business system integration capabilities and is highly scalable.

A job in Automation Engine represents a production order that organizes not only the data storage for the job, but also the job's metadata – its link to order ID, due date, customer info, customer service representative contacts, etc. Besides these administration attributes, a job can also contain the graphics specifications like barcode, inks, RIP options. This job information can be used in any workflow to take advantage of all the data that is already there, avoiding double entries.

To meet the specific needs of digital printing in the label and narrow web markets AVT introduced Helios D, an automatic, 100 per cent print inspection system. Based on AVT's Helios product line, Helios D supports all stages of digital production workflow, including the identification of specific defects like missing nozzles, ink dripping spots, and color changes as soon as they occur. The result is reduced waste, enhanced production and comprehensive process monitoring.

The AVT systems extract business intelligence from the production floor and provide seamless connectivity to MIS and Automation Engine pre-press for optimized automated workflows.

Like some other quality control equipment and systems suppliers Global Vision has also embedded a Quality Control Platform within Esko's Automation's Engine so as to provide an all-in-one quality assurance system that runs as a background process and results in an annotated and viewable design file within Automation Engine. This further enables rapid and systematic review of all detected packaging and labeling errors throughout the workflow, from upstream design to print.

#### Color management

A highly adaptive new color management software technology for label and packaging applications is also available from QuadTech. Without any hardware modifications to the press, QuadTech's

ColorTrack software integrates with ink formulation software to simplify workflow and reduce the number of ink corrections needed to achieve accurate, optimal color.

Another software company with a product specific to the label industry is One Vision. The DigiLabel program automates label production workflows for digital label printers and combines print data optimization and production planning. DigiLabel operates throughout the entire production workflow: print data is automatically subjected to a quality control check and then optimized. The automated production of die-cutting forms or laser-cutting configurations, standard cut lines, a white background and the automatic dispatch of a release PDF to the customer for approval saves labor time and staff resources.

Some of the MIS systems available today also offer 'Dashboards'. Dashboards make use of color, graphs, symbols, and charts to help users quickly and easily review critical management and financial data. This enables companies to take an immediate pulse of each department and quickly pinpoint problems.

By combining data from throughout the MIS system, dashboards create a visual command center where it becomes possible to monitor company performance and launch profitable initiatives. Since getting to the root of an issue may require more than a glance, each Dashboard provides multi-level drilldowns. Each user of these systems can customize their dashboards by selecting from a list of available options that include cash position, net profit performance, late jobs, jobs due out each day, delivery by month, work-in-process analysis, sales metrics and under-performing employees.

Although based on standard components, bespoke programming is often involved in tailoring individual MIS systems to an individual company's needs. Modern MIS systems operate in real time, allowing the operator to move from window to window and enabling electronic commerce through flexible and adaptable architectures.

#### Automated presses

The label industry is continually seeking ways to further automate processes and press set-up and changeover information so as to remove the risks of human error. Quite simply, the aim for the future – as

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- ▼ ORIENTATION AND PRE-PRESS INTEGRATION
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- ▼ INSPECTION AND FINISHING LINE AUTOMATION
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- CUSTOMER RECEIVES JOB AND PAYS INVOICE



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keep reinventing



## MIS WORKFLOW



Heidelberg puts it – is to work towards 'Smart printing systems which will harness the power of digital integration to deliver new print systems and drive the industry forward.' In short, to make printing presses (whether conventional or digital) that are self-managing, and where everything from production planning, to consumables ordering, to predictive maintenance, are all generated from the press itself.

Certainly, the use of scalable servo drive hardware with intelligent modular design press management software is already being used to minimize press set-up and make-ready, automate plate, cylinder or slitter changes, allow more consistent, repeatable results, and provide converter end-users with greater press flexibility. Inbuilt screens enable all the advanced controls to be visible alongside representative graphics, and provide for easier press commissioning and the simplification of fault finding. WiFi controlled automatic knife slitting has also recently been introduced.

All of this will have an increasing impact on press productivity, freeing up label companies to focus on developing their business rather than spending time on managing manufacturing. The use of cloud-based systems, where everything from press performance to planning scheduling is online and instantly available, will be part of the label world of tomorrow.

Integration with other software systems is also become ever more important, such as sales or corporate group accounting packages. Sales Cloud for example, is a software package that provides a complete view of customers, including activity history, key contacts, customer communications, lead management, sales forecasting, sales performance management and internal account discussions.

**"INCREASINGLY, MIS SYSTEMS ARE STARTING TO OFFER REAL-TIME FEEDBACK OF SHOP FLOOR ACTIVITY TO THE SCHEDULING BOARD OR SCREEN VIA JOB TRACKING TERMINALS OR JDF CAPABLE SYSTEMS"**

There are other domains that are typically not covered by MIS software. An example would be dedicated software for machine maintenance programs and/or for spare parts management. Interfaces are also being created to more and more press DFEs which allow the automated creation of step-and-repeat profiles, and this capability is being built directly into digital presses, for example those from Xeikon and Screen.

Additionally, there are other domains that are sometimes not covered well enough by a 'generalist' MIS, such as a CRM (Customer Relationship Management) system – a tool which helps with contact management, sales management, productivity and more. The CRM within an MIS will likely do fine for ninety percent of label printers, but will not be good enough for a very sales-driven company. So in these cases, MIS will need to create an interface to an external CRM. Another example that can be given is the payment of salaries.

Increasingly, MIS suppliers are also being asked to provide an interface so that electronic instructions can be sent to transport carriers, such as DHL and UPS, to manage transport. Cloud-based systems are also being used to automatically save every inbound and outbound e-mail against customer contacts and produce a sorted trail of previous discussions – all available in the right place when needed.

It should be noted however, that integration with other software systems needs to be scalable and upgradable so as to avoid being stuck with the same MIS version forever.

Mobile options are also a hot topic in relation to the latest MIS systems, with management and sales personnel being enabled to access information or data through their mobile phones or tablets.

While this article has been designed to create a flavor of what is now taking place in the ongoing automation of the label and package printing sectors, a new handbook in the Label Academy series of titles will be published in the early New Year. Entitled 'Management Information Systems and Workflow Automation,' the book will provide an extensive overview of just what is now possible, and look at where automation developments are taking these sectors for the future – a human-free, 24/7, fully automated, workplace.

Even today, a sophisticated MIS system with efficient job planning and production scheduling capabilities is more than a nice-to-have tool; it is becoming a necessity.

**Page 14** Wheel count meters (courtesy LabelTraxx)

**Page 14 flow chart**  
Automate the production process wherever possible and integrate pre-press and print production, including integrated die-cutting and 100 percent vision inspection, with business and administration systems to cope with lots of short to medium run orders and to streamline operations and enhance profitability

**Page 17** A good MIS will provide a streamlined and seamless administration process of jobs through a label or package printing plant



A new handbook in the Label Academy series of titles, 'Management Information Systems and Workflow Automation', is published in Q1 2017

# ROTARY SCREEN TAKES LABEL PRINTING TO ANOTHER DIMENSION

As a complementary process for applying thick deposits in one pass at relatively high speeds, rotary screen printing holds the key to competing in high-value packaging markets.

*Hank Guitjens, Commercial Manager, Label Printing, SPGPrints*

The unique feature of the rotary screen process is its ability to print thick deposits of ink or varnish at speed. With adaptations to the hole-size or thickness of the stencil walls, deposits of between 6 and 250µm can be achieved in a single pass.

This capability makes the process important for high-value self-adhesive label design, making numerous vivid and tactile effects possible that enhance aesthetic appeal or offer a functional benefit. No wonder that it is demanded by leading retail brands around the world.

## An easy process to integrate

Above all, rotary screen printing is easy to integrate on a reel-to-reel label press. At the heart of the process is a continuously rotating seamless nickel screen, contained in a compact unit. Its productivity, versatility and ease of integration alongside flexo and other analogue processes make it an ideal complement to the label converting workflow. Specific benefits of rotary screen printing to the label printer are:

- Application-dependent speeds of between 100 and 450ft/min are possible
- The process is compatible with all commonly used ink sets and substrates – plastic and paper – commonly used for narrow-web applications

- It provides a fast return on investment: modules and cassettes can be added without major press refurbishment or disruption
- The process offers low total cost of ownership thanks to high-performance, reusable and re-imageable screens, and digital screen imaging systems

## Aesthetically appealing rotary screen effects

A label printer can enhance the aesthetic appeal or functionality of the printed label in many creative ways:

### Opagues

Opaque inks that block out light and eliminate transparency are easily achieved with a single screen printing pass. One of the most common opaque applications is the no-label look, where white is printed first to prevent transparency of the overprinted visible colours, which are normally printed afterwards by the press's main analogue process.

### Varnish coating

A package succeeds because it stimulates the consumer's sense of touch as well as visual appeal. Screen-printed varnish effects, typically greater than 26µm, achieve both – without waste. They create raised images, smooth shining ('brilliant') solid areas, or

fine line patterns. They can add vividness to an icon or brand name, enhancing impact. The 'texture varnish' (typical print thickness: c. 70µm) features large particles to create a coarse feel and give an 'ice-look.' It is a striking way of printing reversed-out images of icons or logos.

### Braille

Screen-printed braille dots, requiring laydowns of approx. 250µm, offer durability and can be printed in one pass. A clear varnish is used to apply dots over the image areas without compromising the impact or integrity of the branding. Braille labelling is mandatory for pharmaceutical and many household products across Europe.

### Metallic effects

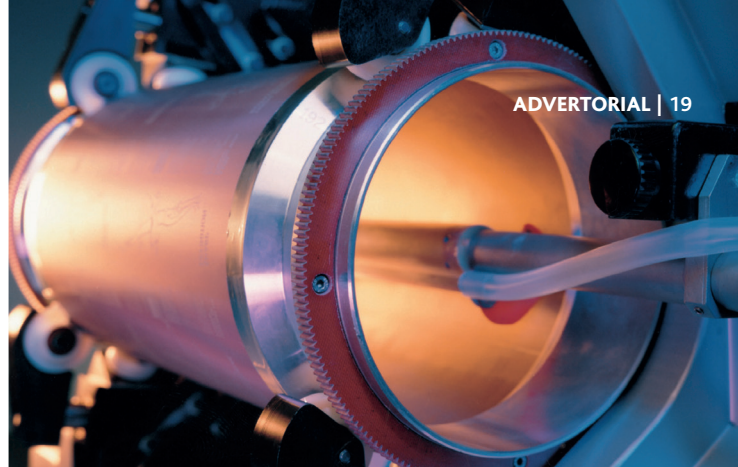
Gold and silver inks are a powerful way of communicating heritage and luxury. With rotary screen metallic effects, from fine linework to solid areas – e.g. a crest or medallion – are applied precisely, without wastage. This provides a lean alternative to hotfoil and avoids the need for costlier metallized label stock.

## A bespoke rotary screen workflow to suit your needs

SPGPrints has driven the adoption of the rotary screen process in label printing, developing complete process solutions that







give both a fast return on investment and low operating costs. This choice of printing units, seamless nickel screens and digital prepress equipment enables the printer to configure the workflow according to budget, level of use, the type of printed effects required and the end-user markets supplied.

#### **Nickel screens for high performance**

Screen performance has significant impact on total ownership costs. SPGPrints' RotaMesh® screens featuring nickel, electroformed non-woven meshes offer higher the highest levels of strength and stability and optimum ink flow. These qualities result in longer lifespans: they can be reused and re-imaged for new jobs many times. Their structure also enables smooth running at speeds of up to 450fpm (150 m/min).

An alternative non-woven nickel screen for non-SPGPrints machines is RotaPlate®, which supplied as a flat, pre-coated mesh, for assembly by the printer into a cylinder. These can be used several times for printing a single image, making them an ideal solution for repeat jobs.

The higher the mesh-count, the more detailed the feature: a range of screens is available catering for everything from coarse effects to fine linework and Chinese or Arabic text.

#### **Modular units vs interchangeable cassettes**

In most cases it is possible to add rotary screen technology to existing presses, by retrofitting, with modules or lighter, easily changeable cassette units. SPGPrints has worked closely with almost all major press makers to devise units that fit seamlessly into the machine. They can be ordered with a new press as well as retrofitted.

SPGPrints' RSI® (Rotary Screen Integration®) module can be installed on a sliding rail system above the press, allowing easy repositioning to any position in the printing sequence: primary for opaque white; secondary for varnishes, for example. Lighter 40kg RSI Compact modules with restricted repeat ranges may offer better investment return for dedicated narrow-web printing situations.

Cassette units are suited for presses that allow fast change of print processes at each station of the printing sequence. These are 25kg or lighter, and can be slotted in and out safely by the operator, in minutes.

#### **Digital, automated prepress workflows**

Direct laser engraving and laser exposure methods have greatly simplified and accelerated the prepress workflow, eliminating the need for film and

chemicals, reducing manual intervention and delivering outstanding quality that can be repeated without error.

The rotaLEN direct laser engraver is suitable for engraving the screens for the most demanding applications up to 600mm (26in) wide. A sealed CO2 laser ablates the emulsion from the image areas. It is a one-step process that takes a matter of minutes: simply engrave, and the screen is ready for press.

The variLEX laser exposure unit provides a single prepress workflow for multiple print processes: capable of up to 4000dpi, it is suitable for HD flexo, dry-offset, letterpress as well as rotary screen printing. It is uniquely capable of ablation and exposure in one step and comes with SPGPrints' own software solutions.

The accompanying software enhances the control of the imaging process and enables easy recall of repeat jobs for identical results.

#### **Qualities of a rotary screen technology provider**

With experience at all stages of the workflow, a global network of agencies and subsidiary companies and a record of innovation spanning five decades, SPGPrints provides the level of service and ongoing support essential for integrating the process smoothly.



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# CONNECTED PACKAGING AND LABELS

*James Bevan, author of a major report on smart label and packaging technology, looks at the potential in this multi-billion dollar market*

Up to now, high unit cost per device has been the principle barrier to wider rollout of radio/electronic inlays like NFC and UHF for on-board, item level labels and packaging applications.

While lower cost printed technologies such as barcodes, QR codes and digital watermarks can also be interesting as 'gateway' devices to the internet, the potential benefits offered with radio/electronic devices are substantially more far reaching.

Although the concept is not entirely new, cost effectiveness is now set to become a realistic prospect and a major tipping point in overall viability is fast approaching.

There are several reasons for this change of outlook, and our new report foresees the opening of a Pandora's box of multiple value-added functionalities and benefits for brand owners. These include:

- The reality of lower unit cost inlays – by an order of magnitude – due to the commercialization of plastic electronics for on-label/pack radio/electronic inlays.
- The commercialization of dual frequency 'combi' inlays (NFC + UHF) which enable inlays to be read at both short and long range, dramatically increasing the functionalities of a single on-label device. Such inlays will need to be readable by smart phones as well as dedicated mobile readers and tunnel readers.
- The emergence of the Internet of Things (IoT) for labels and packaging
- Greatly increasing sales volumes of

connected devices will further drive down unit costs.

Within the next 5-10 years it should be possible to achieve with a single on-label device, each with a unique ID, the following types of functionality:

- The Retail Internet of Things (IoT)
- Mobile marketing and consumer engagement on a number of levels
- Track & Trace/ePedigree – for example the EU Falsified Medicines Directive and other legislation worldwide
- Retail inventory management/stock control
- Brand protection/product authentication
- Tamper evidence
- EAS – anti-theft
- Product quality assurance by sensing changes that take place to or around the packaged product, such as time/temperature, moisture content and gas ingress/egress.
- Location based data based around GPS

More functions and applications will be underpinned by the power of Big Data Analytics.

Multiple functionalities will bring multiple benefits for brand owners based on a single on-label/on-pack device, and this will be the cornerstone for a multi-billion dollar opportunity for:

- Solution providers (RFID inlay makers, as well as hardware and software developers)
- Packaging and label industries.

Early adopter vertical markets are likely to include alcoholic drinks, pharma and

healthcare, luxury and beauty, tobacco and food.

And as the unit costs comes down, additional vertical markets in branded consumer packaged products will become economically viable for radio/electronics devices – particularly where consumer marketing activity may be desirable, for example in the apparel and footwear, toys and gadgets, sporting equipment and memorabilia segments. Another driver is addition of useful information, such as the electronics components, printer cartridges and copier toners, automotive aftermarket, household cleaning products and agro-chemicals sectors.

A mix of 'long range' and short 'range' capabilities is required to achieve the various different functionalities. One approach is the dual frequency 'Combi' type devices that can handle both:

- Short range (1 to 4 cm – well suited for consumer engagement type applications)
- Long range readability (1 meter plus – well suited for stock control applications).

The key now will be the full recognition by brand owners of the breadth of benefits offered by all this new and enhanced multi-functionality available.

The illustration shows the types of benefit and data layers based on a secure intrinsic electronic ID at the core.



For more information on the Vandagraf report, contact [info@vandagraf.com](mailto:info@vandagraf.com) or go to [www.vandagraf.com](http://www.vandagraf.com)

# PERFORMING OUTDOORS

*Len Holtkamp, global segment director Durables at Avery Dennison, looks at how durable label materials can improve product safety for OEMs*



Figure 1: Outdoor performance of digital inks: without overlaminate protection (top) and with overlaminate (bottom)

**P**roducts for use outdoors is a growing market which requires highly durable labels capable of lasting the life of a product even in very challenging conditions.

Users need to retain access to important product information such as lot numbers, barcodes, safety warnings and warranties. Above all, labels should not peel off easily, lose their color, become illegible, scratch or fade. Environmental exposure can easily lead to the loss of essential information when labeling is substandard.

Minimum outdoor labeling requirements are determined by industry standards such as UL 969 (Marking and Labeling Systems) or BS 5609 (Labels for Marine Use). Many OEMs develop performance specifications beyond these standards. For example, tractor manufacturers often specify different standards depending on label positioning, underlying surface type (the substrate) and likely outdoor conditions.

The many variables OEMs must consider include:

- Substrate: factors include surface texture, shape and surface energy.
- Performance properties: outdoor weathering resistance depends on factors such as UV exposure, humidity, temperature extremes and even marine conditions.
- Printing technology and ink systems

## Overlaminates and varnishes

Applied to printed labels, these can protect inks and facestocks from UV light, common chemicals and abrasive conditions.

Colors last longer when light-sensitive inks are protected from sunlight. An effective method uses a protective

transparent laminate affixed to the label (Figure 1). Such overlaminate films help extend label durability by absorbing and reflecting portions of UV and visible light that may fade label colors, and they also protect printed labels against the effects of humidity, ozone, chemicals and abrasion.

## Testing the specifics

No one-size-fits-all test can work for outdoor labels. Each label construction must be specified, tested and approved for each application. Label materials perform differently on different substrates – such as aluminium, steel or polypropylene – or when they are combined with a protective overlaminate film or coating. It is essential to test performance of all label components working together, using production parts that simulate planned applications and durability.

Conditioning tests are based on industry standards and end-user specifications. For example, UL 969 mandates 750 hours of accelerated weathering tests. However, OEM specifications may require several thousand hours of conditioning tests to

simulate the end-use environment. The most common conditioning tests include accelerated weathering, climate cycling, water resistance, high humidity exposure, oven aging and freezer aging, salt spray exposure and immersion in chemicals or cleaners.

Tests can last weeks or months and cost tens of thousands of Euros, and evaluate adhesion, legibility, color retention, abrasion resistance and other properties. OEMs often undertake these tests without knowing if results will be positive.

Partnering with a label material supplier can speed things up, help to reduce cost and enhance chances for success. An experienced supplier has the expertise to perform all necessary testing across many materials, and can recommend materials and testing that will meet end-use specifications as effectively as possible. This helps label converters to develop new label solutions.

Avery Dennison, for example, has made substantial investments over the last three years in the expansion of its accelerated weathering laboratory, and offers comprehensive durable label testing as a service to converters and their end-user customers. Advanced lab technology simulates years of weathering and sunlight exposure in just a few months.

Evolving outdoor label requirements equates to tougher performance specifications and more specialized, label materials, often at a higher cost to OEMs. Only by properly understanding different performance variables can OEMs keep pushing durability to new limits with label materials that are cost-effective, long-lasting and tough.

## Key factors

- The substrate
- Adhesion requirements
- Ink and printing process
- Overlaminates/varnishes required?
- Number of years in outdoor conditions
- Climates and application angles
- Exposure to chemicals, cleaners, pollutants or fuels
- Compliance with existing standards
- Abrasion/other mechanical stress



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# PACKAGE PRINTING IS HERE TO STAY

*David Pittman looks back on his five years covering package printing for L&L, and looks forward to where the market is heading*

**W**hen this writer joined the label and package printing group of Tarsus, the parent company of Labels & Labeling and Labelexpo Global Series, the goal was to bring a stronger focus to package printing.

Label printing is a very exciting, fast-paced and evolving industry, and one willing to adapt to new paradigms, and adapt new practices and processes. However, package printing at the start of this decade was somewhat of an unknown quantity for many label printers and their supplier partners, but a topic that was being widely discussed and assessed.

## Then to now

The intervening years have seen this firmed up considerably, with corporate strategies evolving to cater for this, new supply chain models forged, and new technologies launched to meet emerging demand. Big M&A, such as Xeikon's acquisition by Flint Group, Bobst absorbing Nuova Gidue and Heidelberg taking over Gallus; Highcon and Synthogra's emergence as suppliers; and the introduction and market adoption of HP Indigo's 20000 and 30000 digital presses, and the ecosystems supporting them; this is a small sample of package printing developments important to the label sector during my time in the industry. L&L's rebrand, as a publication for 'the world of package printing', provides additional indication of this trend, as does the open use of 'labels and packaging' throughout the supply chain. Visit Labelexpo Europe 2017 in Brussels (September 25-28, 2017), and on almost every stand you'll find technologies, products and services tailored to the needs of package printing. The words 'label and package printing', or a close approximation of that, will be emblazoned across many suppliers' stands, from Mark Andy, HP Indigo, Flint Group, Avery Dennison and UPM Raflatac, to Soma, Synthogra and MBO, and all those in between (Bobst, Taghleef Industries and

Karlville). At my first Labelexpo in 2011, this was not as clear to see.

## Future developments

Expect there to be renewed and refreshed focus on package printing as part of the Labelexpo Europe 2017 experience, with all the suppliers already named, and many more, exposing their package printing interests to the market.

There is no doubt that 2017 will provide yet more advances in package printing for the label and narrow web industry. Across the supply chain, R&D is ongoing to provide products and technologies that afford label printers even more opportunity to diversify into package printing, and provide their customers, the brand owner, with the tools to satisfy the consumer.

'Promote, protect, perform' are long-established tenets of packaging, and will remain the bedrock of developments in the market. NFC, QR codes, barcodes and other triggers will be used by brands of all sizes to engage with consumers and make packaging perform in new and exciting ways, either as a delivery mechanism for additional content, promotional activities, or to create an emotional connection between the consumer and the product/brand through packaging.

Protection will be realized through developments in materials, with new characteristics and capabilities allowing new constructions and films to be used in different ways, be they for packaging difficult and harsh products (from sharp-edged pistachio nuts to abrasive chemicals), or providing the essential OTR and WVTR barrier properties certain products demand. Additionally, GEW, Nilpeter, Bobst, Flint and the like are promoting UV LED as a safe option for food packaging. Expect this to ramp up as we move deeper into 2017.

And to promote products and brands better through packaging, an evolution

in digital and conventional converting technology will facilitate the delivery of shorter runs of customized and personalized flexible packaging and folding cartons. As such, advances in sheet-fed inkjet, mid web CI flexo and web offset will be towards the top of my agenda for



*Nilpeter's new FA-6\* press is one of many emerging to satisfy demand for narrow and mid web package printing*

the year ahead. Nanography will feature too. Will 2017 be the year Landa breaks through? Only time will tell.

These developments and more will be covered by Labels & Labeling throughout the year and beyond, and will be there to be seen at Labelexpo Europe 2017, so make sure to visit the show and read the magazine online and in print to stay up-to-date with these package printing developments.



Subscribe to L&L's dedicated package printing newsletter on [labelsandlabeling.com](http://labelsandlabeling.com)

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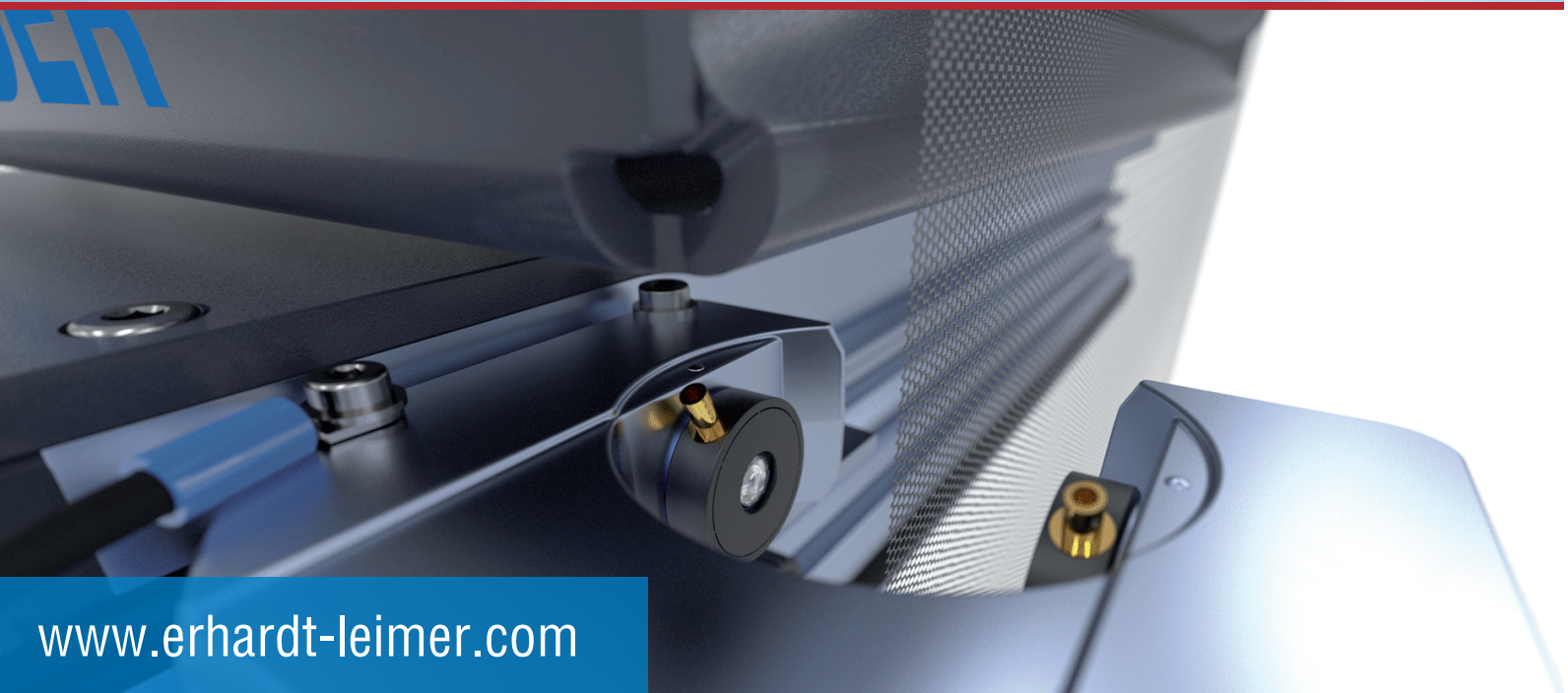
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# M&A drivers

*Moorgate Capital's Nicholas Mockett discusses the recent M&A landscape, and what the future looks like for the label and packaging industry*

Compared with 2015, which was a record-setting year for global packaging mergers and acquisitions (M&A), 2016 has been more subdued. At the half year, the market was on course for around 25 percent to 30 percent lower value than 2015.

There were some particularly big deals in 2015, such as Ball Packaging taking over Rexam, Owens Illinois acquiring Vitro, Apollo buying out Verallia, and the Mead-Westvaco-Rock Tenn merger. Against any other benchmark, 2016 will be a good year for packaging M&A, probably approaching a value of 25-30 billion USD globally.

The stand out segment in 2016 has been flexible packaging. The headline deals have been Egeria buying out Clondalkin Flexibles from Warburg Pincus, RPC Group taking over Europe's leading polyethylene film producer, British Polythene Industries, Berry Plastics bidding for AEP Industries, Lindsay Goldberg's buy-out of Schur Flexibles, Pritzker Group buying ProAmpac, Novolex taking over Heritage Bag, and Amcor acquiring Alusa of Chile for 435 million USD. These seven deals are all in the several hundred million dollar range, which adds up to a significant aggregate enterprise value.

The key drivers here are the high growth of flexible packaging, the differentiation and added value – which can build strong customer relationships and margins, and the innovation which is still leading to substitution from other packaging formats. It is one segment which benefits particularly well from many ongoing trends, like demographics and social changes such as more food consumed on-the-go, often involving more and smaller packs. Flexible packaging is not bulky and works well in the convenience market.

## Label sector

In the label sector, due to the fragmented nature of the industry, the acquisitions tend to be smaller. The most notable deal is arguably the acquisition by CCL Industries

of Checkpoint Systems for 433 million USD. This was a particularly interesting transaction as it highlights the scope for value-added services with labels at the nucleus. CCL is the key international acquirer of labels businesses and, unlike other packaging companies of its scale, it makes some fairly modest acquisitions in the 10-50 million USD range. Two other notable deals in the labels sector were Platinum Equity's sale of Mactac in two parts; the European business to Avery Dennison for 200 million USD and

the year before so it is not an exact science.

In the labels industry the multiples tend to be lower than for other packaging formats. This is partly because smaller companies tend to trade at lower EV/EBITDA multiples. However, a target which is differentiated (such as those not commodity products) is exposed to high-value end markets (think pharmaceuticals) or high growth end markets, like those that are emerging, is likely to attract a multiple at the higher end of the range.

*“In the label sector, due to the fragmented nature of the industry, the acquisitions tend to be smaller. The most notable deal is arguably the acquisition by CCL Industries of Checkpoint Systems for 433 million USD”*

Mactac Americas to Lintec for 375 million USD. Also, Private Equity house Advent International replaced KRG Capital Partners as majority investor in Madison Dearborn.

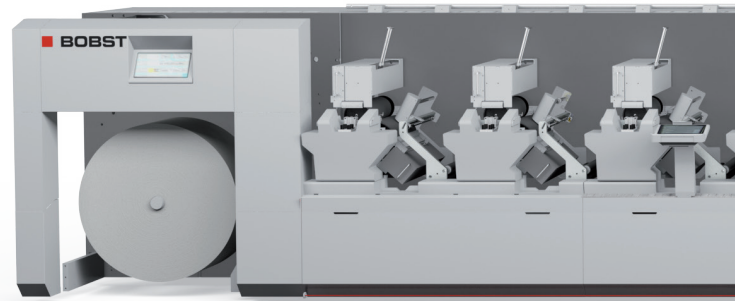
The other interesting facet of M&A of packaging businesses is valuations. M&A is normally looked at on the basis of enterprise value to EBITDA multiples. Although deal volumes are down the multiples are averaging out at almost the same levels as 2015. This is good news for vendors and the multiples continue to be some way above the long-term trend levels. How long this will last is difficult to predict, but it may prove to be that 2015 was the top of the market. One influence on M&A multiples is the EV/EBITDA ratios of public packaging companies. PLCs will tend to limit what they will offer for a business to less than their own trading multiple and even in private buyer transactions counterparties tend to mark-to-market. The PLC multiples are also a little down on the 2015 levels. Of course, in any given year the deals being analyzed are different form

Even after the M&A activity of recent years, most segments of the packaging industry are still fragmented when compared with their customer base and suppliers. Industry concentration will continue as packaging companies increase their scale to be better placed to negotiate with customers. Furthermore, large brand owners are increasingly asking their trusted suppliers in established territories to follow them to new regions, which is often done by acquiring a local operator. Additionally, we are experiencing increased demand from packaging manufacturers in Asia seeking acquisition targets in Western Europe, perhaps to acquire existing relationships with Brand owners and leverage those back in their domestic markets.

*i* Nicholas Mockett is head of packaging M&A at Moorgate Capital, a corporate finance and M&A advisory firm. Read a Q&A with him in L&L issue 3, 2016, and at <http://bit.ly/2eDq437>

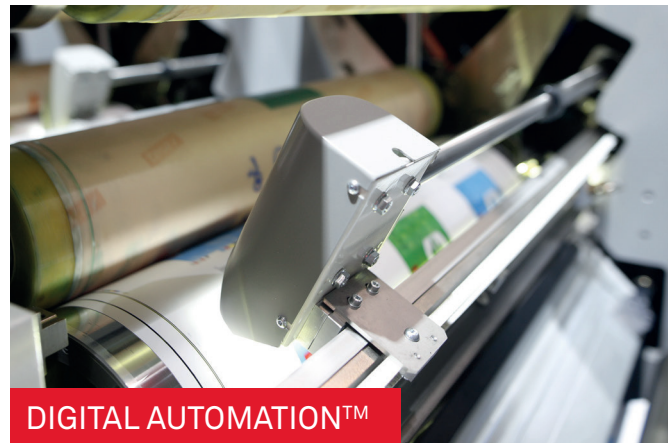
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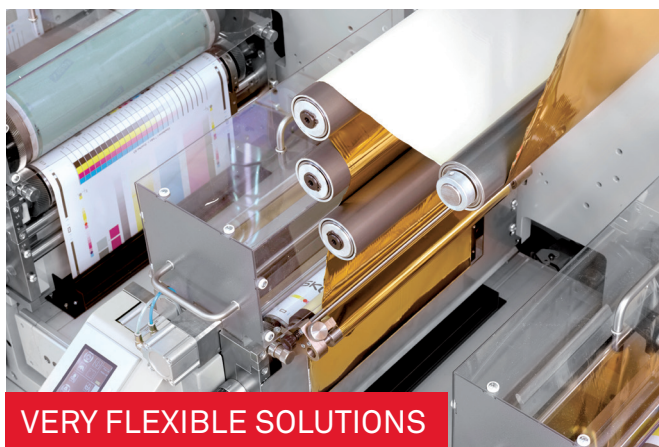
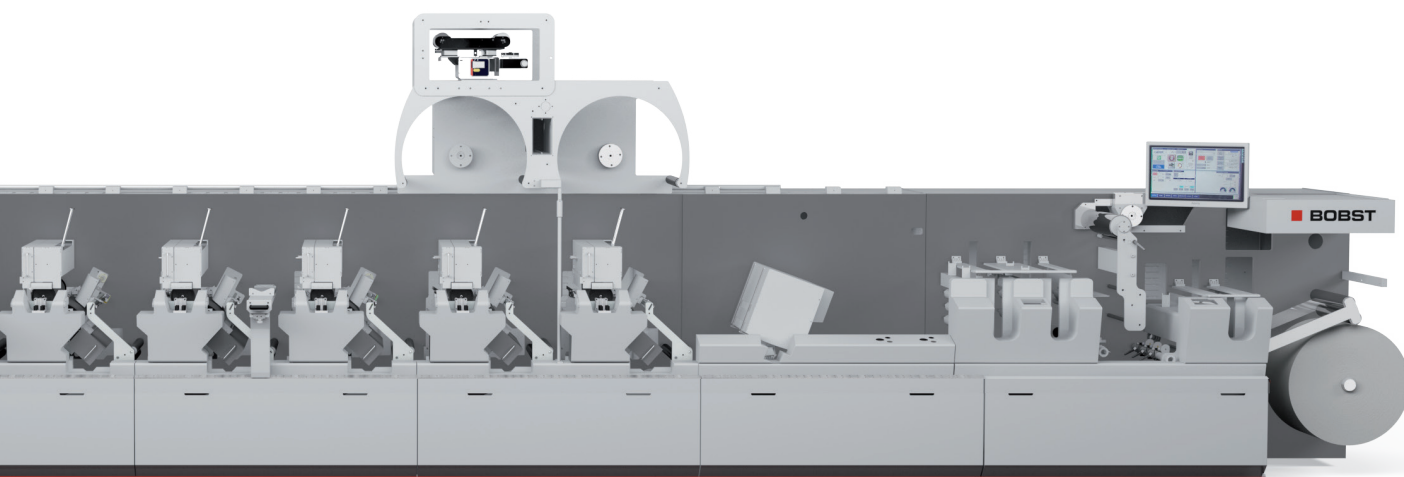
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# EUROPE BOUNCES BACK TO GROWTH

*The European pressure-sensitive label market has continued its recovery and prospects for 2017 are good, reports Andy Thomas*

**A**fter the dark days of 2011-12, when the European label industry suffered a 'double dip' following the 2009-10 crash, 2015 saw the industry return to a path of sustained growth.

According to European industry association Finat, total consumption of pressure-sensitive label materials in 2015 was 6.77 billion sqm, which is a 6.5 percent increase on 2014 and continues a three-year run of positive results (3.4 percent in 2013 and 5.7 percent in 2014) – beating GDP growth across Europe.

At the same time, Finat reports that PS label converters continue to diversify, with over 20 percent now offering at least one other decoration technology – IML, shrink sleeves, flexible packaging. This means that overall narrow web industry growth rates are higher than those for PS alone.

Filmic materials continue to increase their market share, growing at 8.3 percent in 2015 and now representing more than 35 percent of total European label demand – a rise of 15 percent since 2000.

Not surprisingly, the top ten label markets in the EU account for 75 percent of total PS label consumption, and these grew 15 percent between 2010 and 2015.

Eastern Europe has doubled its market share in the last ten years, now representing over one fifth of European demand, and Poland has increased its consumption by an astonishing 50 percent since 2010. Looking at label consumption sqm per capita, the European average is 8.3 sqm, with Denmark at the top of the range

at 17.5 sqm and Turkey and Romania at the bottom with 3 sqm. Europe's developing markets will require a doubling of label consumption to reach the European average, which is a marker for further growth in 2017.

By end use, the biggest market for PS labels of all types is food, representing 25 percent of demand, followed by retail and logistics at 12 percent. Half of all PS labels consumed are in VIP/industrial applications.

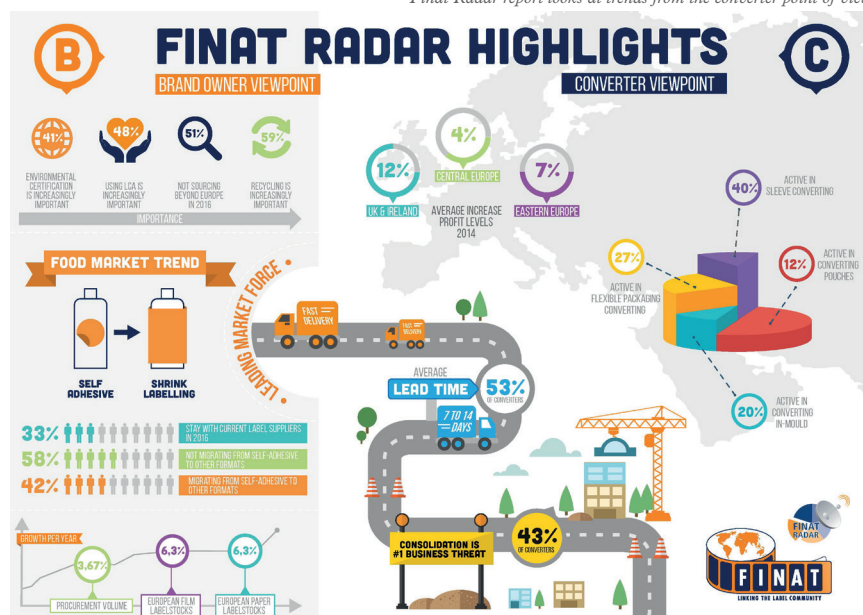
## Radar

Finat's annual Radar report, which tracks label converter trends, showed an average 7 percent growth rate for the 80 converters who responded to the survey, with Eastern European converters leading the pack. The best performing market segments were pharma, health & beauty and food. Office, transportation and retail sectors were not so profitable but are still growing.

Average run lengths are still going down. For conventional print this is now 2,000-9,000 linear meters (5,000m average), which is around 20 percent lower than 2014. For digital, most runs are between 250-2,000 linear meters, suggesting the break-even point with conventional is 1,500-2,000 meters.

Converters continue to be interested in flexible packaging, driven by the trends towards shorter run lengths, with between 20-40 percent saying they are either printing flexible packaging or are interested, and this is matched by a move towards wider width presses.

*Finat Radar report looks at trends from the converter point of view*




When asked what are the most valued services by their customers, respondents cited new materials, digital printing and the ability to offer short runs. Customers also valued a wider variety of applications such as text/booklet labels and shrink sleeves, as well as offering in-house artwork expertise.

During Finat's annual meeting in Amsterdam, the upbeat mood of the PS materials survey and Radar report was supported by a survey of delegates, where 44 percent of converters said they saw good prospects for 'moderate' revenue growth, with half the sample predicting 'significant' growth. However, the red flag is that 19 percent thought margins will decline, and 40 percent expected margins to grow by no more than 3 percent.

The other key trend in 2016, and likely to be repeated in 2017, is consolidation among both suppliers and converters. The key event was the merger announcement between Rako Group, X-Label and Baumgarten, which not only brings together two of Europe's leading converting groups, but adds a global dimension with facilities throughout Latin America, China, Russia and Eastern/Central Europe.

Among suppliers, 2016 saw Avery Dennison ramp up its European presence with the acquisition of Mactac Europe, with the North American division of Mactac going to Lintec.

 Read more about industry mergers and acquisitions on page 27



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# North American LABEL INDUSTRY SHOWS STRONG GROWTH

*North America editor Chelsea McDougall takes a look at growth in the North American market*

If the industry's largest North American label and package printing show is any indication, the label industry here is not only growing, it's thriving.

Labelexpo Americas 2016 saw record numbers of technology launches and visitors in its largest floor space yet. There were 17,407 label and package printing professionals, an 8.5 percent increase in attendee numbers, and 455 exhibitors including more than 100 first-time exhibitors, on an expanded 201,000sq ft show floor.

The North American market, which includes Canada, the United States and Mexico, makes up 19 percent of global label demand – third in the world behind Asia, which makes up 42 percent, and Europe at 26 percent. Latin America, and Africa and the Middle East make up 9 percent and 4 percent of the worldwide label demand, respectively. The US comprises 77 percent of the North American label market, while Mexico is at 12 percent and Canada at 11 percent.

## Future growth predicted

These are all signs of a thriving North American label market, industry experts say.

## Press launches

Key press manufacturers continue to invest in the industry. Labelexpo Americas saw the unveiling of new presses in this market including Bobst's M6 mid-web in-line UV flexo press, the K600i from Domino, the Durst-Omet hybrid system – which sees Omet XFlex X6 modules integrated into Durst's Tau 330 UV platform – HP Indigo's 8000, the Digital One from Mark Andy, MPS' latest EF technology, the Panorama digital, FA-4\* and the 22 inch FA-6\* flexo press from Nilpeter, and the Xeikon CX3 digital press.

Alexander Watson Associations (AWA) estimates that in 2015, global label demand grew by 3.5 percent over 2014. At the same time, the North American market saw growth rates at 1.5 to 2 percent.

Growth is likely to continue through 2020. AWA estimates that the North American label market will grow by a compound annualized growth rate of 1.7

percent through that time.

## Label formats

Pressure-sensitive labels continue to dominate the North American market, making up 53 percent of the label demand, or 5.75 million square meters. Glue-applied labels are second at 3.28 million square meters, or 30 percent of the market, and sleeve label technologies make up 1.175 million square meters, or 11 percent of the market. In-mold labels are at 2 percent at 250 million square meters produced.

According to AWA data, sleeving technology and in-mold labels are projected to show the biggest growth through 2020, at a CAGR of 2.7 and 2.6 percent, respectively. AWA projects pressure-sensitive labels to grow at a CAGR of 2.2 percent through 2020.

AWA says food and beverage labels making up a combined 59 percent of the total North American label market. The firm further breaks down label end uses such as health and beauty, pharmaceutical, and household chemical, but in the 10 other categories, not one is great than 10 percent of the market share.

## Further growth for digital

Digital printing will continue to be a key trend to watch in the coming years. Digital production press installations have already begun to outpace conventional installations, and a TLMI-commissioned study predicted that by 2020, three in four press installations will be digital.

All Printing Resources teamed with market research firm LPC for a 'Narrow Web Flexo Production and Digital Printing Study' earlier in 2016. LPC asked label printers and converters in the US about drivers of digital press acquisitions and key flexo production benchmarking metrics. Both small and large converters named lead times and run lengths as the most challenging trends for their business.

The APR/LPC study asked converters what's driving the purchase of digital press systems. The need to be efficient, have a better short-run solution and expedited delivery times were cited at the top reasons for investing in digital.



*Labelexpo Americas will return to the Donald E Stephens convention center near Chicago from September 25 to 27, 2018*



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# Trendspotting in Latin America

*James Quirk looks at key trends and market statistics in Latin America*

*Label Summit Latin America will take place in Santiago, Chile, in May 2017*

**R**anging from Mexico in the north to the southernmost tip of Chile, the Latin American label and packaging industry is made up of diverse local markets, often with strong variances in size and end-user requirements. But, broadly, certain trends – not dissimilar to those in other parts of the world – have emerged during your correspondent's time reporting on the region.

The first is consolidation, with international groups such as CCL, CTI Invest, Multi-Color Corporation and Sato Group creating regional networks in order to serve multinational brands with the same quality and consistency in each local market. This year, however, has seen fewer major mergers and acquisitions in the Latin American label sector, the exception being Brazilian converter Baumgarten's merger with Rako and X-Label, creating a global group to rival the biggest in the industry.

The regional networks set up by these companies have thus far mainly focused on Latin America's four biggest label markets. CCL is present in them all: Mexico, Brazil, Chile and, most recently, Argentina. MCC operates in Mexico, Chile and Argentina; Sato Group in Brazil and Argentina; CTI Invest in Brazil, Argentina and Colombia. Prior to its merger, Baumgarten had acquired converters in Mexico and Argentina.

So, where to next? A second key trend has been rapid growth in the region's smaller markets, where increased local consumption has encouraged new converters to be formed, or companies to move into the sector from wider format printing. Labels that used to be imported are increasingly produced locally. The star performers have been Colombia and Peru: expect these countries to be in the sights of major converting groups. Meanwhile, markets such as Ecuador, Bolivia and Paraguay have installed top-level presses

that would not have been seen in these countries a decade ago.

Among technology trends, label converters are increasingly bringing pre-press in-house, a 'natural step', according to Martin Fraire, CEO of Leftech, a distributor in South America of Toyobo's Cosmolight water-wash flexo and letterpress plates. 'There is a trend towards label converters bringing pre-press in-house for increased flexibility and security. With label jobs coming in ever smaller runs and increasing variation, the quicker turnaround times of flexo CTP and the speed of water processing are a great advantage.'

Another notable technology trend has been the region's rapid adoption of digital printing. A few years ago, Latin America was HP Indigo's fastest-growing market; currently, it is Xeikon's. Nowhere in the region does digital have a firmer foothold than in Chile, thanks to the short runs and quick turnarounds required by the country's huge wine export market. HP Indigo has more machines here per capita than in any other country in Latin America. This year Xeikon has made considerable inroads, with six installations in the last 12 months, and its first label converter client in the country, Artica, on which L&L reported in issue 4 2015, has ordered two further presses. 'It has been a fantastic result,' says Xeikon's Latin America sales manager Patrick Pittoors. 'Chile has been our strongest market in Latin America this year.'

## Green shoots of recovery in Brazil?

After six periods of contraction, the Brazilian packaging industry registered a growth of 2.54 percent in the second third of 2016 (April, May and June), compared to the three previous months, according to a study by Fundação Getúlio Vargas on behalf of Brazilian packaging association ABRE.

It is anticipated that production will


value USD 19 billion in 2016, despite production decreasing by 5.1 percent in the first six months of the year. In the second half of the year, the prediction is that variation will not be so negative – around -0.2 percent. This means that the sector should end 2016 with a reduction of 2.6 percent in production, with strong chance of recovering in 2017, says the study.

## AWA release liner report

According to AWA's South American Release Liner Market Report, published this year, in 2015 the total South American market for release liners represented 1.895 million square meters. The production of labelstock is the largest market segment, and accounted for 68 percent of all applications. (Note these figures are for South America rather than Latin America, and therefore do not include Mexico.)

The release liner market in South America overall will see growth of around 2.5 percent in the next few years, with the highest growth segments being medical and hygiene. The market is dominated by glassine/SCK paper, accounting for 52 percent of materials used.

Solventless silicone systems continue to hold the highest share in South America at 68 percent. Emulsion technology continues to take second place at 13 percent. The used of solvent-based technology is now around 11 percent. UV technology holds an 8 percent share and, while coming from a smaller base, will continue to grow at the fastest rate, driven by growth in the hygiene market, opportunities for in-line label coating and conversion and general cost improvements.

 **Label Summit Latin America** will take place in Santiago, Chile, on May 16-17 2017. Go to [www.labelsummit.com/chile](http://www.labelsummit.com/chile) for more information



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# CLEANING UP THE INDIAN LABEL INDUSTRY

*The Indian label industry has reacted to the government's announcement of banning the old currency notes in the country. Aakriti Agarwal reports*

**N**ovember 8 2016 will go down in Indian history. Prime Minister Narendra Modi, in a surprise address to the country late in the evening, declared currency notes of Rs 500 and Rs 1,000 illegal as of midnight. He gave citizens 50 days to return the notes to the bank and exchange them for new 2,000 and 500 notes. All transactions done from the next morning were to be tracked by the Indian government.

The move, aimed at cracking down on the black market in the country, reducing corruption and dealing with terror strikes while also empowering the poor as well as honest service and business people, has largely been well received.

As a result of this move, however, the Bombay Stock Exchange crashed almost 1,689 points; real estate prices saw a correction of between 20 and 30 percent and gold prices shot up overnight. A lot of businesses have been greatly affected, including in the label industry. Labels & Labeling spoke to machine manufacturers and converters to understand how the announcement affects the industry at large.

'I welcome the announcement as it is in favor of the progress of the country. There is cash crunch for a few weeks but it will have good long term impact,' revealed one industry supplier. 'A lot of people who deal in black money to save tax and get the print job by reducing the selling price of the labels won't be able to do it at a large scale. Thus, improving the industry health in long run.'

## Shake-up

Another echoed the same sentiment: 'It will become a level playing field. The announcement does not affect organized players as much as it does the unorganized sector. The small and medium businesses will be forced to be more professional as they won't have the same margins that they used to. The industry needed a shake-up to get its act together. With a Goods & Services Tax (GST) to also come into effect from the next fiscal year, I expect to see a more organized and professional Indian label industry in 2017.'

A representative from one machine manufacturer added: 'The implementation of GST from April 2017 and the ban on

old currency notes is a big deterrent to the regeneration of black money. Stacks of money that was lying idle in the market will now go to the banks. Banks will have more money to lend and interest rates should come down, so the move will benefit the Indian label industry.'

One raw material manufacturer commented: 'The announcement will officially increase the gross domestic product of the country and will provide good impetus to the growth of the economy as well as the Indian label industry. With the growth of the organized sector, the packaging industry will get a boost that will have a positive effect in the long term on the label industry as well.'

A converter from north India said: 'The market will see a slump in the next few weeks. Big and medium sized companies that mostly generate bills for print jobs won't be affected as much.'

Another printer added: 'It is the best thing that could have happened and I am very happy with the move. Those who have not done the business the right way are suffering right now. It will eventually clean up the label industry and pave the path for better growth.'

With mostly positive reactions to the government's announcement, the Indian label industry is set for a large scale financial boost.



For more information on the Indian label industry, read Aakriti Agarwal's articles on [www.labelsandlabeling.com](http://www.labelsandlabeling.com)



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# HIGHLIGHTS OF THE CHINESE LABEL INDUSTRY

*The label market is still a vigorous and prosperous industry in China, writes Kevin Liu*

**L**abelexpo Asia 2015 came to a satisfying end with a record-breaking 22,104 visitors, and the Label Pavilion at All in Print 2016 was the most dynamic area of the show. Both indicate that the label market is still a vigorous and prosperous industry in China.

Besides the strong growth in the label industry, we can also see some key trends emerging.

The traditional satellite letterpress machine focuses on extending multi-functionality, for example adding hot stamping, flexo printing, gravure printing, folding, single sheet cutting and variable data functions among others. However, at the same time, there was a sharply reduced presence of booths for traditional letterpress manufacturers. On the contrary, several traditional domestic letterpress manufacturers have started to produce flexo presses – companies such as Weigang, Taiyo and Hontec.

Another key development at Labelexpo Asia was that UV-LED technologies are increasingly being applied to letterpress and intermittent offset machines. There were many domestic suppliers displaying such UV-LED curing devices, arguing that the LED technique not only has the advantage of energy savings and curing at low temperatures, but also curing using commonly available UV inks.

## Digital

Digital printing has not been widely applied in China. High cost is one key factor. In addition, compared with the markets in developed countries which mainly use flexo printing, intermittent letterpress and offset presses are more popular in China, which means the short-run space for digital printing machines is not as great.

However, this situation has changed this year, and several digital suppliers got more optimistic feedback. 'We sold more than 30 narrow web machines this year,' enthused Hendry Feng, sales director, Greater China for HP Indigo/ PWP digital printing

business division. 'Currently, the efficiency, quality and process control offered by narrow digital presses are comparable and competitive with traditional letterpress and intermittent offset presses. Digital presses have shown distinct advantages in short-run printing, variable data and multi-versioning applications. Several large converters such as Suzhou Jantan and Shanghai Hengze have successively installed Indigo digital presses this year.'

Chinese manufacture Founder's feedback was also optimistic: 'Our digital inkjet press has achieved a quite good business performance this year,' said Liu Yajuan, sales director of Founder. 'We concluded a strategic cooperation agreement with CymMetric Group and installed full-color variable data digital presses in five plants of the group.'

Epson has a strong presence in all print market sectors, and the company's sales manager, Guo Jinbo said, 'Compared with the packaging and publication markets, the label market maintains quite a sound growth rate. The personalized label and package fulfilling internet demands will be the new growth point, where there is a big demand for variable data and personalized labels.'

Epson is pioneering an entry into the Chinese digital printing market. 'We have installed seven machines up to now, including one newly launched SurePress L-6034W press. The number should be ten by the end of 2017.'

After the launch of its bizhub Press C71cf at Labelexpo Europe 2015, Konica Minolta displayed the press at All in Print. What's more, Domino has established its own sales and service teams in Shanghai promoting its digital label press.

We will likely see more digital presses at Labelexpo Asia 2017, and digital printing will show a new round of explosive growth in China.

## Converters

The most important change for label converters is the accelerated expansion and

*“The most important change for label converters will be the accelerated expansion and merging of giant converting corporations in China”*

merging of giant converting corporations in China. After taking over World Mark and Woelco, CCL now owns five manufacturing plants in China, respectively located in Tianjin, Guangzhou, Hefei, Changzhou and Suzhou. Rako has also set up a second factory in Guangzhou, which starts operation at the end of 2016 – another milestone of its expansion in China.

Local converters have also accelerated their expansion. For example, Meikei has not only expanded its manufacturing bases from Guangzhou to Shenzhen, Shanghai, Tianjin and Hubei, but also actively promotes its label supply chain platform Meiyin.net.

Besides this, SuzhouJanTan – which we reported on several times – has also set up branches in Guangzhou (with one Bobst M5 and one Bobst M3) and Tianjin (with one Bobst M3) this year, the former located in South China and latter in North China, creating a truly national footprint.

A company to watch is Chinese printing giant Shanghai Jielong Group Corp, which moved into the label market with the acquisition of the Shanghai Eternal Printing Group, a converter which focuses mainly on the printing of tickets, tags and anti-counterfeit labels.

As the Chinese label market enters a 'new normal' status of low and medium growth rates, this new round of integration and reshuffling of the label market will intensify.



Read more from Kevin Liu about the Chinese label market in every issue of *Labels & Labeling*, and online at [labelsandlabeling.com](http://labelsandlabeling.com)

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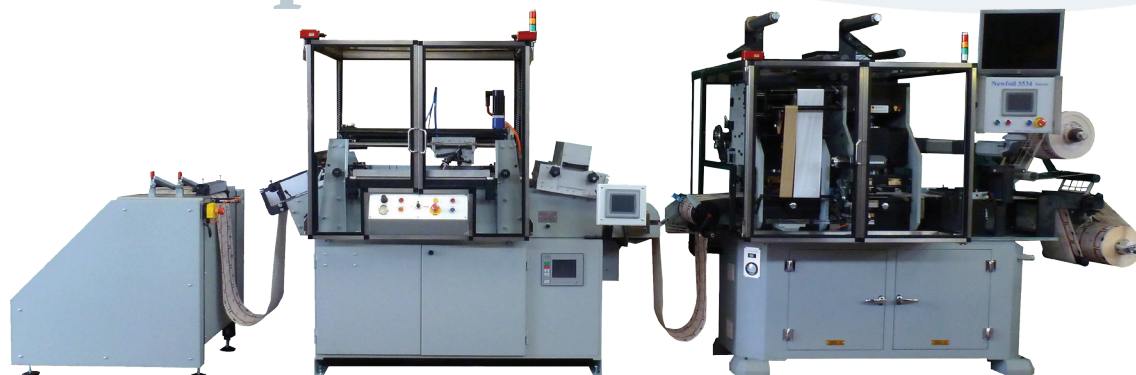
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# Oceania trends

*Perhaps the year's most significant event has been the emergence of a new trade association representing Australian label printers, as Henry Mendelson reports*

**T** Together, the flexo family at Australia's Flexographic Manufacturers Association and long-established LATMA (Label and Tag Manufacturers Association) under their new Flexible Packaging & Label Manufacturers Association (FPLMA) banner, demonstrated faith in their industries' future in the form of a highly successful two-day conference in Melbourne in October 2016. A packed program covering packaging and labeling provided a platform demonstrating a new force to forge growth and relevance.

The importance of this event, held at Melbourne's Hilton, was reflected in the keynote speaker, Federal Minister for Innovation the Hon. Kelly O'Dwyer MP, who set the tone for the local printing community's positioning for tomorrow's values and its technical and commercial priorities.

The conference highlighted the need for labeling and packaging in Australia to be backed by strong, proactive trade association support. Efforts to achieve a resurgent association were outlined by its youthful president, Mark Easton, who comes across as an affable and articulate spokesperson for the now-combined Australian industry body. As sales & marketing manager of Sydney-headquartered self-adhesive label converting specialist Impresstik Labels Group, his labeling credentials are non plus ultra and as recent president of LATMA he has witnessed the organization falling into harder times.

Segue to 2014 and the need had become blindingly obvious that the organization's best years were behind it. In conversation with his industry peers, it transpired that the local Flexo Association was on a similar trajectory. This triggered a meticulous discussion process which resulted in the bonding of the Flexo and Label Associations to become today's Flexible Packaging &

Label Manufacturers Association (FPLMA), with Easton at its helm.

During the two-day conference, Easton spoke to *Labels & Labeling* about the process which brought the two organizations together, confirming that after comprehensive consultative analysis and numerous deliberations the overall objectives had been achieved. 'The merger has overcome duplication and crossover of existing memberships and offers a united force and future,' he said.

'The new association enables us also to reach members within the Asia Pacific Region and incorporate us into increasingly expanding areas rather than Australia only. This complements representation for current members from both associations who have converter sites within the Asia Pacific region.'

Easton cited among the benefits of the merger such elements as savings arising from shared administration costs, increased revenue from a bigger membership pool, a combined Print Awards program, broader scale technical forums and the larger

association's ability to lobby apprenticeship initiatives with training and government agencies.

The inaugural FPLMA event culminated in a glittering awards dinner ceremony attended by close to 300 industry members and their partners.

## Tech trends

Looking forward to 2017 from a technology perspective, Australian and New Zealand converters will surely be looking at digital options, and one of those, adopted by the leading conventional press manufacturers, is hybrid flexo-digital converting lines.

An interesting perspective presented at the conference was from print industry veteran Raymond Dickinson, now Mark Andy vice president of marketing and business development. He picked out a trend of great interest with an insight into the rapid growth of hybrid developments since their emergence in 2010 following 2008's changes from analogue printing. Dickinson pointed out that current press configurations within today's hybrid world are almost unlimited and foreshadowed digital hybrid as the next wave of digital printing.

Said the Mark Andy executive: 'Digital hybrid applications will provide twice the output with the same labor as previously; hence twice the revenues, twice the gross margins.'

'At the same time they will deliver up to 25 percent in substrate savings,' he added, summarizing the overall digital hybrid profile by what may to some sound simplistic but in reality will deliver dramatic savings per label job to the extent that one digital hybrid press will output the volume of two flexo presses.

*Mark Easton, president of the merged association*



Read more regional reports from Henry Mendelson on [labelsandlabeling.com](http://labelsandlabeling.com)

**STD**  
FLEXIBLE DIE

**LSR**  
FLEXIBLE DIE

**NTP**  
FLEXIBLE DIE

**DLC**  
FLEXIBLE DIE

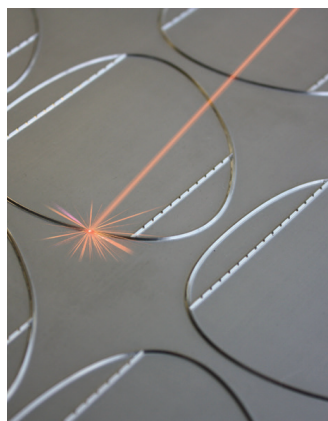


### STANDARD

The standard quality meets the most stringent demands for use on all types of self-adhesive materials: Paper, PP, PE, PVC, PET, Tyvek etc.

Finishing options are NTP and DLC.

Hardness of cutting edges:  
48-50 HRC

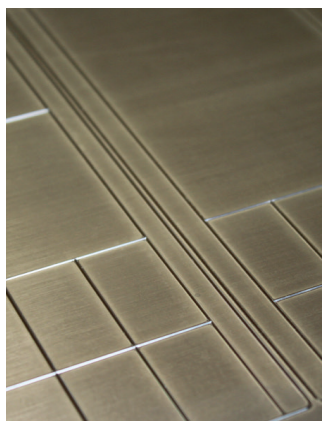


### LASER

Suitable for very large print quantities. For standard and all special materials. Is generally recommended for cutting through and maximal lifetime.

Finishing options are NTP and DLC.

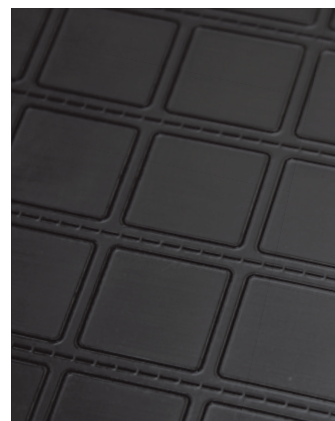
Hardness of cutting edges:  
65-68 HRC



### NTP

Standard or laser hardened flexible die with a very hard coating NTP, ideal for the abrasive thermal (thermal transfer) papers and cardboard. A thick layer of NTP enables extremely high running performances with outstanding wear properties.

Hardness of cutting edges:  
60-63 HRC



### DLC

Standard or laser hardened flexible die with a very hard and non-stick coating DLC, ideal for the separation of inks and adhesives, combined with a very long life.

Hardness of cutting edges:  
over 100 HRC

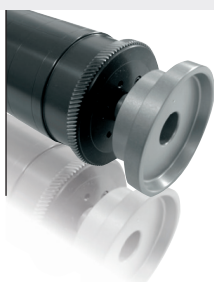
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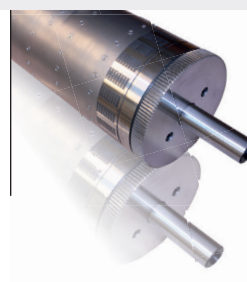
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## L9 announces 2016 WORLD LABEL AWARDS CATEGORY WINNERS

**Tony White, chairman of the judging committee, reveals that choosing the award winners becomes harder each year**

Each year the World Label Awards gain in prestige and are considered by the label industry as the awards to win. The annual competition pits the best labels from the participating L9 associations against each other and the competition is fierce. The only way for label converters to enter is through their local national association competition, as all the entries in the WLA awards must have won an award in their respective national competition.

We see ever more intricate designs using all the processes available to produce some stunning results. Every year we see the technical boundaries put under pressure with new ideas and methods of using the existing and new technology which shows off the advances being made in the international label industry. As chair of the judging committee, I can say we always find the judging a challenge, and we have to be extremely critical when discussing the respective entries. When it comes to deciding on the five Best of the Best awards, it becomes very difficult to select the final winners. The Best of the Best awards were presented during the Global Label Industry Awards evening in Chicago during Labelexpo Americas 2016.


### WINNERS ▼

More details of how the WLA awards work can be found at [www.worldlabelawardsassociation.com](http://www.worldlabelawardsassociation.com).

**TLMI**

**Class #1**

**Flexo Line**



**HAIR REFRESHER**  
RESPECTIVE FRAGRANCE FOR YOUR HAIR  
Hair Refresher / l'hydratage des cheveux  
2 fl. oz. / 59 ml.

McDowell Label & Screen Printing, USA,  
for 'Madame Hair refresher'  
Printed on a Gallus press using Actega-Wit inks on a Klockner substrate, using Harper aniloxes and RotoMetrics cylinders and dies.

**LATMA**

**Class #2**

**Flexo Line Screen / Tone**



**Gold**  
**HAND CRAFTED**  
**Truffle Salami**  
Hand crafted gourmet salami made using 100% Australian pork and black Italian truffles.

Wedderburn, Australia,  
for 'Gold Truffle Salami'  
Printed on a Mark Andy P7-10 press at 75 m/min in four colors using Pulse/Jet inks and an Avery Dennison PS matt finish.

**Class #3**

**JFLP**

**Flexo Color Process**



**Cherry Body Soap**

Takara Pac, Japan,  
for 'Cherry Body Soap'  
Printed on a MPS EC330 press in four colors including lamination and cold foil using T&K Toka inks on Lintec PET and PET Acrylic/ poly laminate glassine substrate.

**SALMA**

**Class #4**

**JOINT WINNERS**

**Flexo Wine / Spirits**



**silver moki**  
2014  
**MARLBOROUGH**  
Sauvignon Blanc

Rapid Labels, New Zealand,  
for 'Silver Moki Marlborough Sauvignon Blanc 2014'  
Printed on a Gallus RCS330 press in four colors plus matt varnish, UC casting varnish and High Build Gloss varnish using Sericol inks and Kantac Mirrorkote paper substrate from Spicers.

**LATMA**

**Handpicked**  
REGIONAL SELECTIONS  
CLASSIC EDITION



Studio Labels, Australia for 'Handpicked'  
Printed on a Gallus EM410S press in six colors using DIC inks and Avery Dennison Vintage substrate.

**PEIAC**

**Class #5**

Letterpress Line

**ZhongBiao Anti-counterfeiting Printing, China, 'Security Labels of Qianlongzuan-bancheng'**

Printed on a Lintec letterpress press using Hanghua inks plus gold stamping and screen printing and Moma Edition stratified shredding substrate.

**JFLP**

**Class #7**

**Sato Printing, Japan, for 'Green Tea Keikacha'**

Printed on a Sanjyo NS 250 press in four colors plus white, lamination and varnish using Toyo inks and Lintec FNS Bright 50 metallic and Lintec PET 16 substrates.

**JFLP**

**Class #11**

Offset Color Process

**Fuji Mark, Japan, for 'Label for Salted Firefly Squid'**

Printed on an Iwasaki Tekko TR 2 press in five colors plus hot stamping and overlamination using Kuboi and Toka inks on a Lintec gloss substrate.

**JFLP**

Letterpress Wine / Spirits

**Class #8**

**JOINT WINNERS**

**Sankyo Tac Label, Japan, for 'Muscat Bailey A'**

Printed on a Taiyo Kikai TLC 250 press in four colors plus hot stamping using T&K Toka inks and OJI Tac mirror Coat p22 substrate

**LATMA**

**Labelhouse, Australia, for 'Robert the Bruce 700cl'**

Printed on a Nilpeter B300 press in six colors using Flint inks and a matt varnish on a Spicers Verdure Lustre Premium substrate.

**LATMA**

Offset Wine / Spirits

**Collotype Labels, Australia, for 'Original Vineyards - Hilltops'**

Printed on a Nilpeter MO3300 press in seven colors plus matt varnish and a Stork Highbuild screen on a UPM Raflatac Rafwine Chateau Enhanced substrate using DIC inks and RotoMetrics dies.

**Class #12**

**TLMI**

Combination Line Screen / Tone

**Class #14**

**Infinite Packaging Group, USA, for '18.21 Man Made Sweet Tobacco Shampoo'**

Printed on a Nilpeter press using Zeller + Gmelin inks, Fasson substrate, RotoMetrics cylinders, Stork screens, Harper aniloxes, and Electro Optics dies.

**TLMI**

Combination Color Process

**Class #15**

**McDowell Label & Screen Printing, USA, for 'Poo-Pourri Déjà Poo'**

Printed on a Gallus press using Actega-Wit inks, Klockner substrate, Harper aniloxes, RotoMetrics cylinders and dies.



**JFLP**

Combination Wine/Spirits

**Class #16** **JOINT WINNERS**



Seieido Printing, Japan, for 'Musashi'

Printed on a Sanjyo P03-270-5CFPFR press in 6 colors using T&K Toka inks and Yoshimori Paper substrate.

**LATMA**




Collotype Labels, Australia, for 'HR – The Gorge Whisky'

Printed on a Gallus TCS250 press in five colors using DIC inks and gold foil and a matt varnish and a Gallus Screen DW mesh and Highbuild along with a grain embossing and Avery Dennison Killer White substrate.

**Class #17** **TLMI**

Digital Printing



WS Packaging Group, USA, for 'Meguiar's Paint Protect'

Printed on an HP Indigo WS6600 press in four colors using HP Indigo inks plus spot varnish and a holographic foil substrate.

**FINAT**

**Class #18**

Digital Wine / Spirits

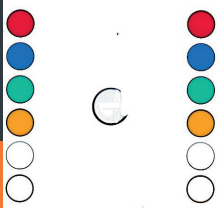


Collotype Labels, USA, for 'Diströya'

Printed on an HP Indigo WS6600 press in four colors using HP inks and Siegwark varnish plus embossing and debossing and foil stamping on Walsall Coated Products Estate 8 Special Opaque substrate and Digicon finishing.

**PEIAC**

**Class #19**



CymMetrik (kunshan) Printing, China, for 'Sony PS4 Handle' logo

Printed in nine colors.

**WS Packaging Group, USA, for 'Meguiar's Paint Protect'**

Printed on an HP Indigo WS6600 press in four colors using HP Indigo inks plus spot varnish and a holographic foil substrate.

**TLMI**

**Class #20**

Gravure




National Label Company, USA, for 'Energizer EcoAdvanced AA'

Printed on a Cerutti press in four colors using National Silver, Sun Chemical and Ashland inks on Klockner and Flexcon substrates using WRE cylinders.

**JFLP**

**Class #22**

Innovation



Sunny Sealing, Japan, for 'Flying Dragonfly'

Printed on a Lintec LPM-300-40 DHS press in four colors with lamination and embossing using T&K Toka inks and Lintec PETWH125 PAT1 and Fuji Clear 16A NPL substrates.

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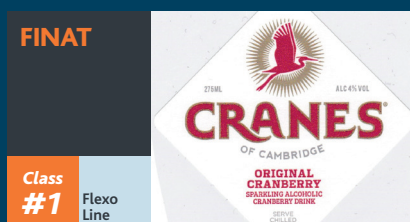


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## HONORABLE MENTIONS ▼



Constantia Flexibles Label Division, UK, for 'Cranes Drinks'



DGS Baski Teknolojleri AS, Turkey, for 'Opet Full Gear EP 1lt'



McDowell Label & Screen Printing, USA, for 'The Curse'



Colotype Labels, Australia, for 'Christobel's Moscato'



Panprint, New Zealand, for 'Brancott Estate Flight Sparkling Sauvignon Blanc'



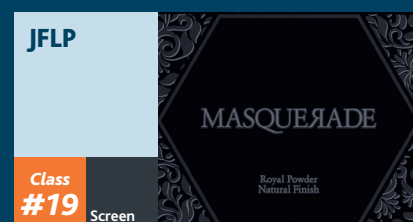
Shimokuni, Japan, for 'Hawaii Kona Blend Coffee'



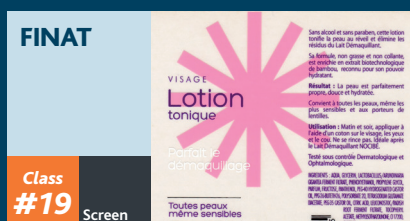
Colotype Labels, Australia, for 'Lady Burra'



Colotype Labels, USA, for 'Tres Manos Añejo Tequila'



Sibel Industry, Japan, for 'Masquerade'



Stratus Packaging, France, for 'Nocibé Lotion 200ml'



Codex Security Printing House, Hungary, for 'Scholl Velvet Smooth booklet'



CymMetrik (Shanghai) Printing, China, for 'Lens Plus'

For more information, please contact Tony White, chairman of the WLA judging panel.  
Tel: +44 1379 741844. Email: [tony.white@awaconsulting.co.uk](mailto:tony.white@awaconsulting.co.uk)

# Global label associations

*Global Association Members of the L9*



## LATIN AMERICA

### 1 ABIEA

*Associação Brasileira das Indústrias de Etiquetas Adesivas*

**President:** Umberto Giannobile

ABIEA, founded in 1986, aims to organize and promote events such as meetings, congresses, courses, seminars and prize competitions for the benefit of its members. ABIEA publishes the magazine 'O Auto Adesivo', the official communication vehicle for the country's label sector, read by converters, suppliers, end users, publicity agencies and other companies.

## LATIN AMERICA

### 2 AMETIQ

*La Asociación Mexicana de Etiqueteros*

**President:** Keren Becerra

The Mexican Association of Label Companies (La Asociación Mexicana de Etiqueteros), AMETIQ, was created in 2008 by six label manufacturers. The association's main objective is to strengthen the flexographic printing and converting industry through active collaboration of each of its members and seeks to integrate more partners – converters and industry suppliers – who are interested in participating in this goal.

## NORTH AMERICA

### 3 TLMI

*The Tag & Label Manufacturers Institute*

**Chairman:** Craig Moreland

TLMI, founded in 1933, positions itself as an industry resource for its converter and supplier members and for the greater North American narrow web industry. TLMI is comprised of more than 350 members. The TLMI Label Initiative for the Environment (LIFE) certification process is a tool that association members are using to differentiate themselves and to demonstrate their commitment to environmental best practices.

## EUROPE

### 4 FINAT

*The association for the European self-adhesive labelling and adjacent narrow web converting industries*

**President:** Thomas Hagmaier

FINAT was founded in 1958 in Paris. With more than 500 member companies in over 50 countries, FINAT provides not just a European but a global platform for self-adhesive label printers and suppliers to meet, network, exchange and enhance collective knowledge and expertise, develop and maintain standards and tests, provide the facilities for management development and education, and to promote the industry as a dynamic, creative and innovative workspace.

## OCEANIA

### 5 FPLMA

*Flexible Packaging and Label Manufacturers Association*

**President:** Mark Easton

The FPLMA represents the new association name following the merger of ANZFETA and LATMA. Officially launched on July 1, 2016 the FPLMA will represent the flexible packaging and label converters across the Australia and New Zealand region. The main aim of the association is to impart technical knowledge to the wide market it represents. The efforts of the industry are recognized at its annual awards and technical forum held each year in Melbourne.

## ASIA

### 6 LMAI

*The Label Manufacturers Association of India*

**President:** Sandeep Zaveri

The LMAI is the central body incorporated by label manufacturing members, founded in 2002. It currently boasts at least 305 members across India. The LMAI has organized multiple conferences and awards and has participated in many international exhibitions. It publishes quarterly newsletters and hosts meetings to share information about the latest IT systems related to marketing and supply chain management. The bi-annual LMAI conference is becoming a must-attend event for the label fraternity in India.

## ASIA

### 7 PEIAC

*Printing and Printing Equipment Industries Association of China*

**President:** Xu Jian Guo

The Label Printing Sub-Association of PEIAC was founded on June 16, 2008. Its major tasks are to assist the government in shaping the label printing industry's development strategy; to make proposals to the government on macro policy decisions and industrial policies; to adjust import and export tariffs of label equipment; to set national standards for label printing products and materials, and to organize quality evaluation activities for new printing products.

## OCEANIA

### 8 SALMA

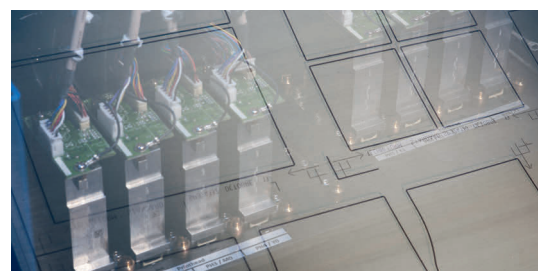
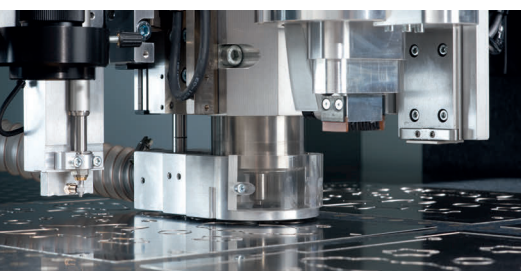
*Self-Adhesive Label Manufacturers Association*

**President:** Mark Easton

SALMA represents the label, ticket and tag sector of the New Zealand printing industry. The association focuses on ensuring members are kept abreast of changes relevant to their business and on promoting its membership's products and services to print purchasers. SALMA has a membership of more than 40 companies, including some 90 percent of the New Zealand label industry.



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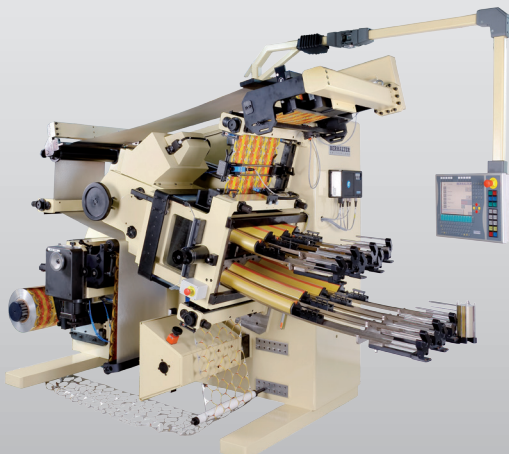
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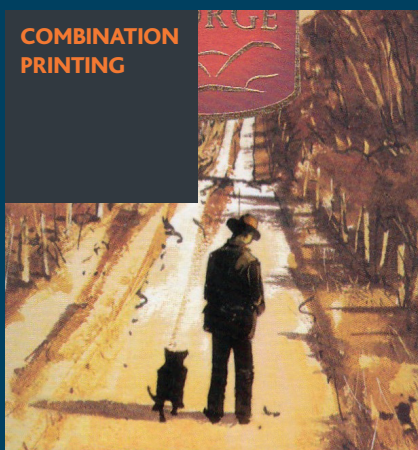
# BEST OF THE BEST 2015

# 2016

The presentation of the fourth Best of the Best awards (2015- 2016) was held on the first evening of Labelexpo Americas in Chicago in September during the Label Industry Global Awards. The awards were presented to the winning companies by Mike Fairley.

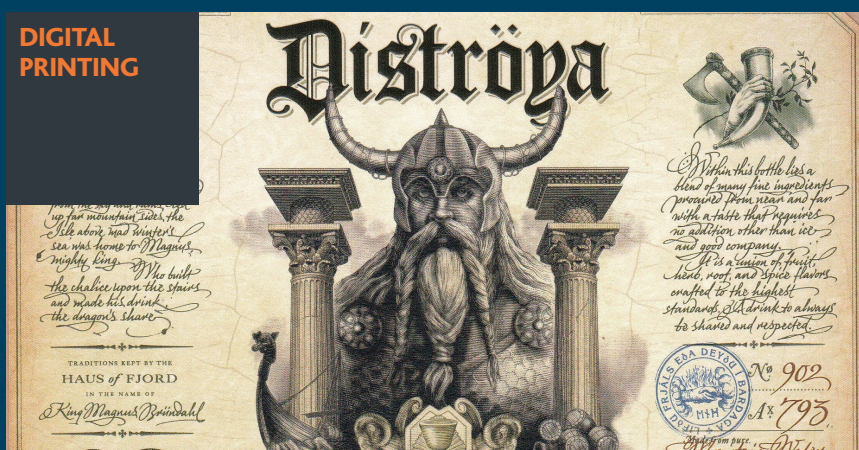
## THE WINNERS WERE:

### COMBINATION PRINTING



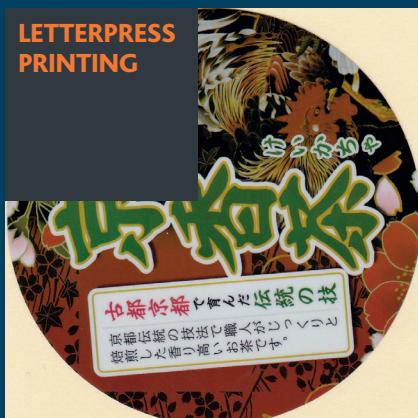
Collotype Labels, Australia, for HR –  
The Gorge Whisky, entered by LATMA  
The award was received by Daren Hudson  
of Collotype Labels Australia

### DIGITAL PRINTING



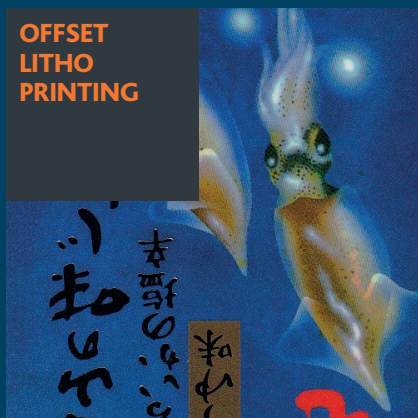
Collotype Labels, USA, for Diströya,  
entered by FINAT  
The award was received by Daren Hudson  
of Collotype Australia on behalf of Collotype USA

### LETTERPRESS PRINTING



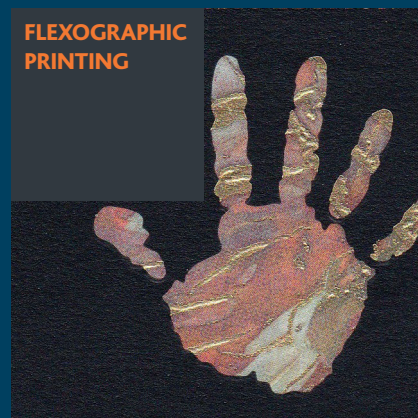
Sato Printing, Japan, for Green  
Tea 'Keikacha', entered by JFLP  
The award was received by  
Mr Kushida of Sato Printing

### OFFSET LITHO PRINTING



Fuji Mark, Japan, for Salted  
Firefly Squid, entered by JFLP  
The award was received by  
Mr Shibata of Fuji Mark

### FLEXOGRAPHIC PRINTING



Studio Labels, Australia, for  
Handpicked, entered by LATMA  
The award was received by Andrew  
Maxwell on behalf of Studio Labels

# FINAT HIGHLIGHTS OF THE YEAR 2017

Save this page now!

## January

Radar no. 6, your 360° scan of the label industry and its markets is available for members.

## March

17: Deadline entries for the FINAT Label Competition, promoting and highlighting the advantages and uses of self-adhesive labels and associated products as effective marketing, promotional and identification tools.

22-24: Young Managers Club Global Congress Lisbon, Portugal 'Create your pathway to success'. An event supporting the young generation to become the future leaders of the industry.

## June

7-9: European Label Forum, Berlin, Germany 'A 360 degrees journey around Planet Label of the future'. The annual summit for business leaders, media representatives and stakeholders along the labelling value chain in Europe.

[www.europeanlabelforum.com](http://www.europeanlabelforum.com)



## September

25-28: FINAT stand at Labelexpo-Europe, Brussels, Belgium. Visit us at 11A31 and get answers to questions on matters such as marketing, management, technical, public affairs and other topics related to the label industry.

## FINAT IS ALL ABOUT:



YOUR PARTNER IN LINKING THE LABEL COMMUNITY

**FINAT.COM**



# Collaborate TO BE HEARD

*Retailers and brands can differentiate themselves through innovative product collaborations to win the all-important battle to stand out on shelf, according to Paul Neath, director at Skymark, a UK flexible packaging manufacturer*



*Skymark and Inspirepac collaborated on pack graphics for Huggies Baby Wipes for Kimberly-Clark*

**W**hilst post-recession the focus was on cost reduction, today the key trend in the market is shelf appeal. Brand owners are aiming to add value through new and innovative pack finishes that grab the consumers' attention from both a look and feel perspective.

Paul Neath, Skymark director, says flexo printers need to focus on innovation and support brands to deliver unique, standout options through process and product innovation.

'To help supply retailers and brands with novel packaging solutions, we believe that supplier collaboration is now the key to future innovation in packaging.'

'From drupa 2016, the key observation we made from the exhibition was the increase in the number of packaging and ancillary suppliers that were working together to create truly unique innovation for their clients. The number of new innovations demonstrated, emerging from packaging sector players working together, was astonishing to see at such a large event.'

## A way of life

Collaboration is one way of managing the packaging supply chain more effectively and it can help to drive innovation and speeds up delivery to market. But what is the proven strategy in collaboration success?

'For me personally, a key ingredient to successful collaboration is trust and a willingness to share information,' adds

Neath. 'There also has to be a culture in the business at a senior level that supports working with partners. An embedded innovation culture is needed within a business to launch new products but at times you need to share concepts for comprehensive development. No one has all the ideas, answers or capabilities themselves and it is about finding the right partners.'

'Our key suppliers are prepared to come and discuss new ideas for us to test. They are often best placed to advise us who might be a good fit in terms of product compatibility.'

To demonstrate this thinking, Skymark has begun working with a number of other packaging companies to deliver complete pack solutions and the seamless multi-substrate brand management support that brand owners are looking for. Working with Smurfit Kappa Inspirepac, on a recent range for Huggies Baby Wipes with Disney graphics for Kimberly-Clark, Skymark and Inspirepac collaborated to optimize the retail ready corrugate and flexible pack graphics.

## Supply chain collaboration

In terms of which areas of the packaging supply chain are currently experiencing a high level of supplier collaboration, Neath identifies ink and coating partners as having always been cooperative. Ink and coating suppliers are introducing new innovative coatings and finishes to drive increased shelf


appeal – glitters, metallic, tactile coatings, soft touch and fluorescent finishes are all sought after for a variety of categories and applications.

'They're now expanding into different product finishes. This will enable the brand owner to add new and different value to the product and enhance the consumer experience.'

Machine manufacturers are also realizing the benefits of collaboration. They are investigating the need to add processes to their equipment that will save on process costs and deliver an innovative product in an increasingly competitive packaging landscape.

The flexographic process continues to develop to meet the ever-increasing quality demands of brands and retailers. With the breadth of advancements and an increase in collaboration practice, there is almost a printing press to suit every product and market.

'No longer can companies offer a simple pack solution and expect to gain sales,' Neath states. 'Brand owners are seeking pack differentiation, consistency, unique innovation and speed to market. By working together with the other parties in the chain, we are able to offer a more inclusive approach to new product development, get the solutions right first time and get to market more quickly as a result.'

 Go to [www.skymark.co.uk](http://www.skymark.co.uk) for more information



# Busy year for **Label Academy**

*Mike Fairley reports on the Label Academy's progress over the last 12 months*

**S**ince the last Yearbook review of the Label Academy just 12 months ago, considerable progress has been made in the writing and commissioning of new education and training modules, as well as in the development and presentation of master class and workshop programs alongside Labelexpo shows.

Indeed, following the initial announcement about the Label Academy in Chicago just over two years ago – at that time with just three modules available – a further six education books and training modules have now been launched, two of those at the recent Labelexpo Americas show in September. A further three titles are nearing completion and are scheduled to be launched in early 2017, with another two already being planned.

Put together, it means that some fifteen Label Academy education and training modules – plus the Encyclopedia and the History of Labels books – are expected to be completed and on-sale by the middle of 2017. Quite an achievement a little more than four years from the Label Academy initiative being conceived.

All of the currently available modules now have examination questions online, with certification for those that achieve the accepted level of pass; all enabling increasing numbers of industry employees, from new entrants to senior managers, to proudly display their module certificates.

On show at Labelexpo, the handbooks attracted considerable attention from show visitors, with many sales taking place.

While many of the initial modules produced were targeted at new and first year trainees – providing basic knowledge about printing processes, origination and pre-press, codes and coding technology and die-cutting and tooling – some of the newer titles are now aimed at more senior levels.

These include Brand Protection, Security Labeling and Packaging and Management Information Systems and Workflow Automation, which will be available in the early part of 2017.

## Employee development

To develop and support their employees at all levels, label converters and industry suppliers are now able to build their own in-house library of titles, making them available to their teams as part of the company's human resource and education and training business plan, as well as incorporating ongoing study and certification into the annual appraisal.

Complementing the books and certification modules, the Label Academy has introduced a range of master classes, two of which were held alongside Labelexpo Americas. The five-hour Digital Label and Package Printing Master Class provided a comprehensive series of presentations by leading industry experts that enabled delegates – who also received a copy of the Digital book – to speed up study for the module examination. The book and examination entry were provided as part of the Master Class entry fee.

A second five hour Master Class, on

Conventional Label Printing Processes, was also run at Labelexpo, again providing study for the relevant module examination. In addition, The Label Academy also held an extensive workshop on Shrink Sleeve Technology at the show, which proved to be very popular.

Outside of the Labelexpo shows, in-house master classes on conventional label printing, origination and pre-press, and digital label printing, have also been run for specific industry suppliers' companies. These can be arranged on request for industry suppliers or label converters.

Now under consideration is the creation of a unified Label Industry Certificate, requiring students to pass a specific number of examination modules, which will be recognized worldwide by the major industry associations.

It should be emphasized that the aim of the Label Academy is not to replace any of the existing training bodies or colleges, supplier training programs or individual company initiatives, but rather to support them with resource material and examinations (if they wish to incorporate them) and to work towards internationally accepted education standards that will grow the industry for the future.



*Individuals and companies interested in the Label Academy books, examinations, certification or attending master classes should go to [www.label-academy.com](http://www.label-academy.com) for further information*





## UNITING OF OPPOSITES - OUR PATENTED EXPERTISE

### tesa Softprint® Secure

Small cylinder or sleeve diameters, stiff plates, and the use of solvents for in-press cleaning pose high demands for any bonding agent. Our tesa Softprint® Secure line adhesives are resistant to common solvents and offer an extra strong bond for secure plate edges during printing. At the same time, they allow for easy removal of both plate and tape after printing, thus combining all your needs in one tape.

Keeping your  
Press Running

[tesa.com](http://tesa.com)

Zeller+Gmelin GmbH & Co. KG  
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[www.zeller-gmelin.de](http://www.zeller-gmelin.de)

Zeller+Gmelin UK Ltd.  
Great Britain  
[www.zeller-gmelin.co.uk](http://www.zeller-gmelin.co.uk)

## High Quality UV Printing Ink for Labels and Packaging

- food packaging
- flexible packaging
- folding carton
- selfadhesive labels
- shrink sleeve labels
- in-mould-labels

UV Printing Ink and Lacquer



**Zeller+Gmelin**  
Printing Inks

# Exhibitor list by category

## 3D technologies: imaging, prototyping and printing

Athena Graphics  
AV Flexologic  
CGS Publishing Technologies, LLC  
CHILL Publish  
Creative Edge Software  
DALIM SOFTWARE GmbH  
DPL Industri A/S  
DPS Innovations LLC  
El Empaque+Conversion  
FFEI  
Four Pees  
Hybrid Software Inc.  
ISRA Vision Parsytec  
Lucky Huaguang Graphics Co Ltd  
Mimaki Europe BV  
Mutoh Belgium n.v.  
Nakata USA  
One Box Vision  
Poligrafika  
uv-technik meyer gmbh

## Active and intelligent packaging

Collano Adhesives AG  
Complete Inspection Systems Inc.  
Creative Edge Software  
El Empaque+Conversion  
Flexpol Sp. z o.o  
Graphi Mecc srl  
Infopack  
Lana Papier Spéciaux II  
One Box Vision  
Pap'Argus  
Shandong Taibao Anti-Counterfeiting Technology Products Co., Ltd  
Sun Chemical (Germany)  
Weifang Donghang Graphic Technology Inc.  
WRH Global Americas

## Adhesives

Maan Engineering BV  
3M Industrial Adhesives & Tapes  
ACTEGA North America  
Adhesive Technical Services Ltd  
AM-PG Group  
ANFEC  
Angstrom Technologies Inc  
API Foils  
Arjowiggins  
Ashland Inc.  
Avatack Co Ltd  
Avery Dennison Label and Packaging Materials  
Bar Graphic Machinery Ltd  
BeardowAdams, Inc.  
Beijing Zodngoc Automatic Technology co.,Ltd  
Bella Kagit  
Bluestar Silicones North America  
Bostik SA  
CMC Klebetechnik GmbH  
Collano Adhesives AG  
Crown Van Gelder B.V.  
D&K Coating Technologies, Inc  
Da Shen Printing Machine Co Ltd  
DONGGUAN CO-MO ADHESIVES CO., LTD.  
Dow Corning Corporation  
Drytac  
Dyna-Tech Adhesives, Inc.  
Edson International  
Emax Label Solutions  
EPS Materials  
Etiquettes Plus  
Excelitas Technologies Corp.  
Fangda Packaging Co., Ltd.(Hebei,China)  
Finjetchemical Industries Ltd  
Flexpol Sp. z o.o  
Flint Group  
Folex AG  
Franklin Adhesives & Polymers  
Frimpeks A.S.  
Golden Hontec Laser (Donnguan Hontec Machinery)  
GSB-Wahl GmbH sharing TLS Anilox GmbH  
H.B. Fuller Europe GmbH  
Heartland Adhesives  
Henkel Corporation  
Hurkimsa Kimya San.  
Icap-Sira Chemicals And Polymers Spa  
Ichemco s.r.l.  
Interflex Laser Engravers  
INX International Ink Co.  
Japan Pulp & Paper GmbH  
K Laser Technology (USA) Co., Ltd.  
Kor-Chem, Graphic Arts Division  
Lana Papier Spéciaux II  
Laser Art Studio Ltd.  
Lombardi Converting Machinery Srl  
LUSTER LightTech (Beijing) Co. Ltd.

Mactac  
MAX International Converters Inc  
Minus Nine Technologies  
Mirage Inks Ltd  
MoistTech Corp.  
Momentive Performance Materials  
Nakata USA  
Nastrificio di Cassano SpA  
Natural Ink  
New Solution S.A.  
Nicoat  
Novamelt  
Paragon Inks Ltd  
Polyonics  
Prime UV Systems, Inc.  
Printgraph SpA  
Pulse Roll Label Products Ltd  
Rotolificio Pugliese Srl  
Rowat Inks BV  
Royal Adhesives and Sealants  
Seal King  
Shandong Taibao Anti-Counterfeiting Technology Products Co., Ltd  
SHANGHAI ROCKY INDUSTRIAL CO.,LTD  
Shanghai Jaour Hot Melt Adhesive  
Shanghai Jinda Plastic Co., Ltd.  
Spring Coating Systems  
Squid Inks AG (Ltd.)  
Strata-Tac  
Superior Label  
Tech-Melt Adhesives Ltd.  
tesa SE  
Toyo Ink Arets NV  
uv-technik meyer gmbh  
Uvitec Printing Ink, Inc.  
VanDerEng BV  
VPF GmbH & Co. KG  
Wacker Chemie AG  
Weifang Donghang Graphic Technology Inc.  
Wenzhou Rhyguan Machinery Co Ltd  
Zeller+Gmelin GmbH & Co. KG  
Zhejiang Hexiang Printing Machinery Co Ltd  
Zhongshan Fu Zhou Adhesive-Product Co Ltd  
Zhongshan Shuguan Self-Adhesive Products Co., Ltd

## Air-water treatment systems

DRAABE Humidification  
El Empaque+Conversion  
Gerhard Bartling GmbH & Co KG  
Toc Maquinas Industriales SA De CV  
uv-technik meyer gmbh

## Anilox rolls

Access Printing Solution  
Agfa Graphics  
Alphasonics  
Apex International  
Applied Laser Engineering Ltd.  
ARC International  
Beta Industries - The Quality Control Company  
Cheshire Anilox Technology Ltd  
Conversource Inc.  
Converttech Equipment Pvt Ltd  
CTS Industries  
Daetwyler SwissTec AG (Print)  
Dantex  
El Empaque+Conversion  
Esterlam International Ltd  
FLXON  
Fuji Shoko Co. Ltd.  
Harper Corporation of America  
INOMETA GmbH  
Interflex Laser Engravers  
Mark Andy  
Max Daetwyler Corporation  
Mona Equipments  
Pamarco  
Polygraphica Equipment Ltd  
Praxair Surface Technologies  
PrimeBlade Sweden AB  
Print Systems  
Provident  
Quality Discount Press Parts & Equipment  
Recyl SAS  
Rossini North America, LLC  
Rotary Technology (Guangzhou) Co Ltd  
Sandon Global  
Sibress  
Tech Sleeves  
TLS Anilox GmbH  
Tower Products Inc.  
Troika Systems Ltd  
Vinsak  
Zecher GmbH

## Anilox rolls-press cleaning systems

Access Printing Solution  
Agfa Graphics

Alphasonics  
Apex International  
ARC International  
Archerm S.R.L  
Beta Industries - The Quality Control Company  
Bradley Systems  
Cheshire Anilox Technology Ltd  
Conversource Inc.  
Converttech Equipment Pvt Ltd  
CTS Industries  
DIP Co.  
Flexo Concepts  
Flexo Wash ApS  
Flexomaid  
Graphbury Smart Solutions, LLC  
Harper Corporation of America  
Ingles S.r.l  
INOMETA GmbH  
Laser Eco Clean  
Max Daetwyler Corporation  
Nanovis GmbH  
Pamarco  
PolymagTek Inc.  
Recyl SAS  
Sandon Global  
Sonic Solutions LLC  
Spring Coating Systems  
Tech Sleeves  
TLS Anilox GmbH  
Tower Products Inc.  
Troika Systems Ltd  
Vinsak  
Zecher GmbH

## Archival and filing systems

El Empaque+Conversion  
Graphbury Smart Solutions, LLC  
Jalema Filing Systems  
Railex (Filing) Ltd  
Sixtrue Srl

## Barcode systems

AEBOS Science Technology Co Ltd  
ALS Engineering GmbH  
ARMOR  
Astro-Med GmbH QuickLabel Systems  
Axicon Auto ID LLC  
Bitek Technology Inc. (anytron)  
cab Produkttechnik GmbH & Co KG  
Carl Ostermann Erben GmbH (COE)  
Colordyne Technologies, LLC  
Complete Inspection Systems Inc.  
Creed Engineers (VINSAK)  
Digital Print, Inc.  
DOMINO  
Domino Printing Sciences  
DPS Innovations LLC  
Dropjet Makina Kimya San. Ltd. Sti.  
Edwards Label  
El Empaque+Conversion  
Episcan  
EyeC GmbH  
Felins USA  
FFEI  
FRANCIS BUEHLER AG  
Fujicopian Co., Ltd. (Europe) branch  
Gainscha International Co LTD  
Global Vision Inc  
Graphi Mecc srl  
GSE Dispensing  
Gulton Inc.  
Hangzhou Todaytec Digital Co., Ltd.  
Hapa AG  
Hu Zhou HengXin Label manufacture Co Ltd  
Infopack  
Inkjet Solutions Limited  
Inkstar Office Appliance Factory of Tianjin  
iSys Label  
Kasha Ribbon  
Kirk-Rudy, Inc.  
Lake Image Systems Ltd  
Laser Art Studio Ltd.  
LUSTER LightTech (Beijing) Co. Ltd.  
m print morlock gmbh & co. kg  
Mastercorp Group  
Microplex  
Microscan Systems, Inc  
M, hlbauer GmbH & Co. KG  
Multifeeder Technology Inc  
Novation, Inc.  
One Box Vision  
Open Data Srl  
Palmetto Imaging Technology, LLC  
PC Industries  
Primera Technology, Inc  
Printex Srl  
Prototype & Production Systems, Inc./ DICE Graphic Technologies

REA Elektronik GmbH  
Reconcile Engineering Ltd.  
Sermar Machines Srl  
Shandong New Beiyang Information Technology Co., Ltd.  
Simple Solutions and Innovations Inc  
SNBC-Orient-Technologies  
SoftSolutions, Inc.  
Thermal Printer Support Ltd  
Thermal Transfer Solutions Ltd  
Transfer Trade s.r.l  
TTR Euroworks BV  
Tyterite  
Union Chemicar Europe  
Vinsak  
VIP Color Europe  
Webscan Inc  
WRH Global Americas  
Xiamen Delish Automation Equipment Co., Ltd  
Xinxiang Fineray Technology Ltd  
Yeuell Nameplate & Label  
Zhongshan Shuguan Self-Adhesive Products Co., Ltd

## Booklet processing systems

adphos Digital Printing GmbH  
BOGRAMA AG  
Controls Engineering  
Daco Solutions Ltd  
Edwards Label  
Fix-A-Form Engineering Solutions LLC  
G&K-Vijik Intern. Corp.  
GIC (GRAPHIC INTERFACE CONCEPT)  
Global Vision Inc  
Herzog + Heymann  
Konica Minolta Business Solutiona U.S.A. Inc.  
KPG (Europe) Limited  
Longford International Ltd  
Printum GmbH  
Rosas GmbH  
ROTOCONTROL  
Vinsak

## Card and board materials

Aluminium Feron GmbH & Co. KG  
API Foils  
Beta Industries - The Quality Control Company  
Carnelot Papers Inc  
Flexpol Sp. z o.o  
FUJIAN TAIXING SPECIAL PAPER CO, LTD  
GIC (GRAPHIC INTERFACE CONCEPT)  
GIETZ AG  
Granwell Products / Polyolith  
Graphi Mecc srl  
Hurkimsa Kimya San.  
IOT Innovative Oberflächentechnologien GmbH  
Italstick Self Adhesive Materials & Coatings  
Lana Papier Spéciaux II  
LECTA  
Mark Products Corp  
Matthias Paper Corporation  
Mitsubishi HiTec Paper  
Opakowanie  
Pap'Argus  
ROCHEUX INTERNATIONAL  
Sappi  
Seibert - PFV  
Weifang Donghang Graphic Technology Inc.

## Charging and discharging systems

Ferrarini & Benelli srl  
Fraser Anti Static Techniques Ltd  
Hamamatsu Photonics  
Meech International  
Pillar Technologies - An ITW Company  
Spengler Electronic AG

## Coating-laminating machines

Maan Engineering BV  
AB Graphic International Ltd  
ABBA Roller  
Adhesive Technical Services Ltd  
Advanced Machinery NV  
Afinia Label  
American Ultraviolet  
Beijing Zodngoc Automatic Technology co.,Ltd  
bielomatik Leuze GmbH + Co. KG  
Catbridge Machinery  
ChemInstruments  
Coating International / Rek & Thomas Medien AG  
D&K Coating Technologies, Inc  
Davis-Standard, LLC  
Delta ModTech  
DIAVY SRL  
DPL Industri A/S  
Drytac  
Esterlam International Ltd  
ETI Converting Equipment  
FAES AG



Fuji Shoko Co. Ltd.  
Futec Europe GmbH  
Graphtec Corporation  
Hunkeler AG  
Hurkimsa Kimya San.  
INOMETA GmbH  
IOT Innovative Oberflächentechnologien GmbH  
ITW Dynatec GmbH  
Kompac Technologies  
KROENERT  
MacDermid Printing Solutions  
Markem-Imaje CSAT GmbH  
M ,hlbauer GmbH & Co. KG  
Nakata USA  
NDC Spray Coating System Fabricating Co., Ltd.  
New Solution S.A.  
Opakowanie  
Papier & Druck  
Pillar Technologies - An ITW Company  
Preco, Inc.  
Printum GmbH  
Process Sensors Corporation  
Ravenwood Packaging Ltd  
Retroflex Inc.  
Soma Engineering  
TRESU Group  
Trojan Color Systems  
Uninet  
UTECO NORTH AMERICA INC.  
Uvitec Printing Ink, Inc.  
Vinsak  
Werosys ApS

#### Coatings and varnishes

Applied Rigaku Technologies, Inc.  
Ashland Inc.  
Braden Sutphin Ink  
Dunmore  
Dyna-Tech Adhesives, Inc.  
Edson International  
Frimpeks A.S.  
Harper Corporation of America  
Interflex Laser Engravers  
Kompac Technologies  
Konica Minolta Business Solution U.S.A. Inc.  
Natural Ink  
Nazdar Ink Technologies  
Nicoat  
Prime UV Systems, Inc.  
Wikoff Color Corporation  
Zecher GmbH  
Zhejiang Ouli Digital Inkjet Materials Co Ltd

#### Coding and marking

AEBO Science Technology Co Ltd  
Amica Systems (Europe) B.V.  
ARMOR  
Astro-Med GmbH QuickLabel Systems  
Axicon Auto ID LLC  
bielomatik Leuze GmbH & Co. KG  
cab Produkttechnik GmbH & Co KG  
Digital Print, Inc.  
DOMINO  
Domino Printing Sciences  
DPS Innovations LLC  
Dropjet Makina Kimya San. Ltd. Sti.  
Dyonic UK Ltd  
FFEI  
FRANCIS BUEHLER AG  
Fujicopian Co., Ltd. (Europe) branch  
Graphi Mecc srl  
Hapa AG  
IIMAK Europe  
Infopack  
Inkjet Solutions Limited  
Jiaozuo Zhuorim Digital Material Co Ltd  
Kasha Ribbon  
KBA-MePrint AG  
Kirk-Rudy, Inc.  
Lemmaco Kft  
m print morlock gmbh & co. kg  
Markem-Imaje CSAT GmbH  
Mimaki Europe BV  
Multifeeder Technology Inc  
Mutoh Belgium n.v.  
Nazdar Ink Technologies  
Novation, Inc.  
Opakowanie  
Palmetto Imaging Technology, LLC  
PDC International Corporation  
Prototype & Production Systems, Inc./ DICE Graphic Technologies  
Provident  
Rea Jet  
Reconcile Engineering Ltd.  
Repacorp, Inc.  
Ricoh Industrie France  
Seramar Machines Srl

Shandong New Beiyang Information Technology Co., Ltd.  
Shanghai Realtac Trading Company Ltd  
Sixtrue Srl  
tesa SE  
Thermal Printer Support Ltd  
Thermal Transfer Solutions Ltd  
Thiele Technologies  
Transfer Trade s.r.l.  
TTR Euroworks BV  
Typerite  
Union Chemcar Europe  
VAN DEN BERGH Consulting bvba  
VanDerEng BV  
Vellerino Sdi  
Voyantic Ltd  
Xinxiang Fineray Technology Ltd

#### Cold foiling

API Foils  
Bar Graphic Machinery Ltd  
Da Shen Printing Machine Co Ltd  
DIAVY SRL  
Digital Print, Inc.  
DOMINO  
Domino Printing Sciences  
Dragon Foils Limited  
Edson International  
Far East Yu La Industry Limited  
FUJIAN TAIXING SPECIAL PAPER CO, LTD  
Griff Paper and Film  
Infinity Foils, Inc- UEI Group Company  
ITW Foils  
K Laser Technology (USA) Co., Ltd.  
KURZ, LEONHARD, Stiftung & Co. KG  
L C Trade  
Lemmaco Kft  
MGI  
Minus Nine Technologies  
MPS Systems B.V.  
Multitec Aids Pvt Ltd  
Nicoat  
Pack Vision BV  
Shandong Taibao Anti-Counterfeiting Technology Products Co., Ltd  
Tangshan Wanjie Europe  
Telstar Engineering Inc.  
Toyo Ink Arets NV  
TTR Euroworks BV  
Typerite  
UEI Falcontec  
Univac Foils Corporation  
VAN DEN BERGH Consulting bvba  
Werosys ApS  
Zhejiang Zhongjia Technology Co Ltd

#### Color management and control

All Printing Resources  
Amica Systems (Europe) B.V.  
Athena Graphics  
AVT  
Beta Industries - The Quality Control Company  
Bitek Technology Inc. (anytron)  
Braden Sutphin Ink  
BST eltromat International GmbH  
CC1, INC  
CGS Publishing Technologies, LLC  
Creative Edge Software  
CT Graphic Arts  
DALIM SOFTWARE GmbH  
Decosystem SRL  
Dropjet Makina Kimya San. Ltd. Sti.  
EFI  
Esko  
Fag Graphic Systems SA  
FFEI  
Flint Group  
Four Pees  
Global Graphics Software  
GMG Americas  
Goss International Europe B.V.  
Grafikontrol North America  
Graphbury Smart Solutions, LLC  
GSB-Wahl GmbH sharing TLS Anilox GmbH  
GSE Dispensing  
GTI Graphic Technology, Inc.  
Hamamatsu Photonics  
Harper Corporation of America  
Hybrid Software Inc.  
IGT Testing Systems  
INX International Ink Co.  
ISRA Vision Parsytec  
JUST Normlicht GmbH  
Konica Minolta Business Solution U.S.A. Inc.  
Lake Image Systems Ltd  
Luminite Products Corp.  
Memjet Labels  
Mimaki Europe BV

Nikka Research Deutschland GmbH  
Papier & Druck  
Paragon Inks Ltd  
PC Industries  
Print Proof Solutions B.V.  
Print Systems  
QuadTech Inc.  
Rena, a Neopost Brand  
RK Print Coat Instruments Ltd  
Roland DG Benelux NV  
Sandon Global  
Selectra Srl  
Sibress  
Siegwerk Environmental Inks  
Sun Chemical (Germany)  
Techkon USA  
Tectonic International Ltd  
TRESU Group  
Trinity Graphic USA Inc  
Trojan Color Systems  
Trojanlabel  
Wikoff Color Corporation  
X-Rite Europe GmbH  
Xeikon

#### Color proofing equipment

Beta Industries - The Quality Control Company  
BST eltromat International GmbH  
CGS Publishing Technologies, LLC  
CT Graphic Arts  
DALIM SOFTWARE GmbH  
Dantex  
Episcan  
EyeC GmbH  
Fag Graphic Systems SA  
FFEI  
Global Graphics Software  
Global Vision Inc  
Grafikontrol North America  
GSE Dispensing  
GTI Graphic Technology, Inc.  
Harper Corporation of America  
IGT Testing Systems  
ISRA Vision Parsytec  
JM Headford Ltd  
JUST Normlicht GmbH  
Lake Image Systems Ltd  
Mimaki Europe BV  
Mutoh Belgium n.v.  
One Box Vision  
PC Industries  
Print Proof Solutions B.V.  
RK Print Coat Instruments Ltd  
Testing Machines Inc.  
X-Rite Europe GmbH

#### Cores and core cutters

Adolf Brodbeck Maschinenbau GmbH & Co. KG  
Dienes Corporation  
Grafisk Maskinfabrik  
Grafotronic AB  
Heartland Products Group  
Holby Williams International  
Jumet Sp. z o.o. Sp.K.  
Lemorau  
Lemu Talleres SA  
Nagel Paper  
Precision AirConvey Corp  
SRC Systems Limited  
TGW International Inc.  
Wasberger Label Equipment  
Yazoo Mills, Inc.

#### Corona and flame treaters

Advanced Machinery NV  
Boussey Control Europe  
Enercon Industries Corporation  
Ferrarini & Benelli srl  
Grafikontrol North America  
Graphbury Smart Solutions, LLC  
Hamamatsu Photonics  
IEEC POWER ELECTRONICS PVT. LTD  
IEEC-PBJ Industrial electronics Pvt. Ltd  
IOT Innovative Oberflächentechnologien GmbH  
Jemmco, LLC  
Kompac Technologies  
Martignoni Elettrotecnica Srl  
Nakata USA  
Pillar Technologies - An ITW Company  
SOFTAL Corona & Plasma GmbH  
Union Chemcar Europe  
Vetaphone A/S

#### Cutting/stamping machines

Allen Datagraph Systems, Inc.  
ALS Engineering GmbH  
Beijing Zongdoc Automatic Technology co.,Ltd  
Berhalter AG

Blumer Maschinenbau AG  
BOGRAMA AG  
Cartes S.r.l.  
Catbridge Machinery  
CMC Klebetechnik GmbH  
Comercial Arqué, S.A.  
Daco Solutions Ltd  
DCM USIMECA  
Delta ModTech  
Dienes Corporation  
Edale Ltd  
Esko  
FAES AG  
FLEXOR (EMIS) Ltd  
Future Pack / KOREA  
GIC (GRAPHIC INTERFACE CONCEPT)  
GIETZ AG  
Golden Hontec Laser (Donnguan Hontec Machinery)  
Grafotronic AB  
Graphtec Corporation  
Hans-Gronhi Graphic Technology Company Limited  
Herzog + Heymann  
Holby Williams International  
Hunkeler AG  
Infinity Foils, Inc- UEI Group Company  
Jiaozuo Zhuorim Digital Material Co Ltd  
Jumet Sp. z o.o. Sp.K.  
Karlville Development LLC  
Kocher + Beck GmbH & Co. Rotationsstanztchnik KG  
Kumar Labels  
Link Label Machinery Co Ltd  
Lombardi Converting Machinery Srl  
m print morlock gmbh & co. kg  
MBO America  
Meccanica Maggiore  
MELZER maschinenbau GmbH  
M ,hlbauer GmbH & Co. KG  
New Solution S.A.  
Packers  
Polar-Mohr  
Precise Graphic India Pvt Ltd  
Preco, Inc.  
Printum GmbH  
Prisma Srl  
Rietstack  
Rollem USA  
Rosas GmbH  
ROTOCONTROL  
Rotoflex  
Sam Meccanica Srl  
Schobert technologies GmbH  
SEI Laser  
Serame  
SMAG (SRAMAG SAS)  
Sohn Mfg  
Soma Engineering  
Spartanics  
Spilker GmbH  
SRC Systems Limited  
Starfoil Technology Netherlands bv  
STOMA GmbH  
Tangshan Wanjie Europe  
Trojan Color Systems  
Trojanlabel  
Universal Engraving, Inc.- UEI Group Company  
Vinsak  
WEIGANG Machinery  
Wenzhou Rhyguan Machinery Co Ltd  
Werosys ApS  
Wink Stanzwerkzeuge GmbH & Co. KG  
Xiamen Delish Automation Equipment Co., Ltd  
Zhongshan Shuguan Self-Adhesive Products Co., Ltd

#### Cylinders, printing and magnetic

Applied Laser Engineering Ltd.  
Conversource Inc.  
Electro Optic Werkzeugtechnik GmbH  
ESON CZ s.r.o.  
Gallus Ferd. R, esch AG  
Hofeld Tool & Die Ltd  
Interflex Laser Engravers  
Kocher + Beck GmbH & Co. Rotationsstanztchnik KG  
LARTEC - Flexible Dies  
Lederle Machine Company  
Luminite Products Corp.  
Precise Graphic India Pvt Ltd  
Reel To Reel International Ltd  
Rollem USA  
Rotary Die Company Sp. z o.o.  
Rotary Technology (Guangzhou) Co Ltd  
Rotometal Sp z o.o. S.K.  
RotoMetrics  
Spilker GmbH  
Synthogra  
Tech Sleeves

Universal Engraving, Inc.- UEI Group Company  
Wilson Manufacturing Co.  
Wink Stanzwerkzeuge GmbH & Co. KG  
Zecher GmbH

#### Data processing services

Athena Graphics  
BEL Computer Systems  
Bitek Technology Inc. (anytron)  
CHILI Publish  
ISRA Vision Parsytec  
Nikka Research Deutschland GmbH  
One Box Vision  
SoftSolutions, Inc.  
theurer.com  
TLS Anilox GmbH  
X-Rite Europe GmbH

#### Desktop printers

AEBO Science Technology Co Ltd  
Astro-Med GmbH QuickLabel Systems  
Bitek Technology Inc. (anytron)  
Colordyne Technologies, LLC  
Dropjet Makina Kimya San. Ltd. Sti.  
Epson America Inc.  
Flexpol Sp. z o.o  
Gainscha International Co LTD  
Gonex International Americas  
Graphtec Corporation  
Gulton Inc.  
Hu Zhou HengXin Label manufacture Co Ltd  
Impression Technology Europe  
Inkjet Solutions Limited  
Iwatsu Electric Co Ltd  
Mastercorp Group  
Memjet Labels  
Microplex  
Mutoh Belgium n.v.  
NeuraLabel Printing Solutions  
OKI Europe Ltd  
Palmetto Imaging Technology, LLC  
Primera Technology, Inc  
Printing Innovation AG  
Prototype & Production Systems, Inc./ DICE Graphic Technologies  
Rebo Bv  
Rena, a Neopost Brand  
Roland DG Benelux NV  
Rti Digital  
Shandong New Beiyang Information Technology Co., Ltd.  
Simple Solutions and Innovations Inc  
SNBC-Orient-Technologies  
Thermal Printer Support Ltd  
Thermal Transfer Solutions Ltd  
Transfer Trade s.r.l.  
Union Chemcar Europe  
VIP Color Europe

#### Dies and tooling (rotary and flatbed)

Anderson Europe GmbH  
Atlas Die LLC  
Berhalter AG  
Blumer Maschinenbau AG  
Brenna Srl  
De Rossi Vittoriano S.r.l.  
Diehard Dies Pvt Ltd  
DMS, INC.  
Electro Optic Werkzeugtechnik GmbH  
ESON CZ s.r.o.  
Flexo Label Advantage Group LLC (FLAG)  
Holfeld Tool & Die Ltd  
ITW Dynatec GmbH  
Kocher + Beck GmbH + Co. Rotationsstanntechnik KG  
KURZ, LEONHARD, Stiftung & Co. KG  
LARTEC - Flexible Dies  
Lederle Machine Company  
Lemu Talleres SA  
Midway Rotary Die Solutions  
Neryos SAS  
Packers  
Polar-Mohr  
Precise Graphic India Pvt Ltd  
Pro-Cut Dies Ltd  
Rollem USA  
Rotary Die Company Sp. z o.o.  
Rotary Technology (Guangzhou) Co Ltd  
Rotometal Sp z o.o. S.K.  
RotoMetrics  
Schoberttechnologies GmbH  
Sinkotech USA  
Sohn Mfg  
Spilker GmbH  
STOMA GmbH  
TECHNI FORM  
Tools & Production Inc.  
UEI Falcontec  
Universal Engraving, Inc.- UEI Group Company  
Vinsak  
Wilson Manufacturing Co.  
Wink Stanzwerkzeuge GmbH & Co. KG

#### Digital converting equipment

AB Graphic International Ltd  
Allen Datagraph Systems, Inc.  
ALS Engineering GmbH  
Ashe Converting Equipment  
AzTech Converting Systems  
B. Bunch Company, Inc.

Bar Graphic Machinery Ltd  
BOGRAMA AG  
Brotech Graphics Co., Ltd  
Carl Ostermann Erben GmbH (COE)  
Cartes S.r.l.  
Colordyne Technologies, LLC  
COMPONEX INC  
Converting Equipment International Inc  
D.P.R. S.r.L.  
Daco Solutions Ltd  
DALIM SOFTWARE GmbH  
Delta ModTech  
ebeam Technologies  
Episcan  
FFEI  
FlexoExport Ltd  
FLEXOR (EMIS) Ltd  
Focus Label Machinery Ltd  
FRANCIS BUEHLER AG  
GIC (GRAPHIC INTERFACE CONCEPT)  
Golden Hontec Laser (Donnguan Hontec Machinery)  
Gonderflex International Inc  
Graficon Maschinenbau AG  
Grafisk Maskinfabrik  
Grafotronic AB  
Herzog + Heymann  
Impression Technology Europe  
Infopack  
International Financial Services  
J&J Converting Machinery  
Konica Minolta Business Solutiona U.S.A. Inc.  
Kumar Labels  
Labeltech  
LasX Industries, Inc.  
Lemorau  
LTHD  
Maxcess International  
MBO America  
Michelman  
Mida Maquinaria  
Monotech Systems Ltd  
MPS Systems B.V.  
Neryos SAS  
Newfoil Machines Limited  
OKI Europe Ltd  
Opakowanie  
ORTHOTEC, WAN AN PRECISE MACHINERY  
WORKS CO., LTD.  
Precio, Inc.  
Printum GmbH  
Reel To Reel International Ltd  
Rietstack  
Rollem USA  
Rosas GmbH  
ROTOCONTROL  
Rotoflex  
SEI Laser  
SMAG (SRAMAG SAS)  
Sohn Mfg  
Spartanics  
Telstar Engineering Inc.  
Trojan Color Systems  
UV Ray S.r.l.  
VAN DEN BERGH Consulting bvba  
Wenzhou Rhyguan Machinery Co Ltd  
Werosys ApS  
Xeikon  
Zhejiang WeiGang Machinery Co., LTD

#### Digital presses

AAA Press International, Inc.  
adphos Digital Printing GmbH  
Afinia Label  
All Printing Resources  
Allen Datagraph Systems, Inc.  
ALS Engineering GmbH  
Arnica Systems (Europe) B.V.  
Anderson & Vreeland, Inc.  
AP digitales  
Astro-Med GmbH QuickLabel Systems  
BASCH GROUP (CHINA)  
BE-MA Editrice Srl  
Bitek Technology Inc. (anytron)  
Carl Ostermann Erben GmbH (COE)  
Cerm Business Management Software  
Colordyne Technologies, LLC  
COMPONEX INC  
D.P.R. S.r.L.  
Daco Solutions Ltd  
Dantex  
Digital Print, Inc.  
DILLI  
Discount Labels  
DOMINO  
Domino Printing Sciences  
DPL Industri A/S  
DPS Innovations LLC  
Dropjet Makina Kimya San. Ltd. Sti.  
Durst Image Technology US  
Durst Phototechnik AG  
Edale Ltd  
EFI  
Electro Optic Werkzeugtechnik GmbH  
Epson America Inc.  
FFEI  
Flexo Label Advantage Group LLC (FLAG)  
FlexoExport Ltd  
Focus Label Machinery Ltd  
Futec Europe GmbH

Gallus Ferd. R., esch AG  
GB Flexo Equipment  
GIC (GRAPHIC INTERFACE CONCEPT)  
Golden Hontec Laser (Donnguan Hontec Machinery)  
Graficon Maschinenbau AG  
Graphi Mecc srl  
Graphtec Corporation  
GTI Graphic Technology, Inc.  
Hapa AG  
HC Miller Press  
Hoya Candee Optronics Corp.  
HP Indigo  
Impression Technology Europe  
Industrial Inkjet Ltd  
Inglesse S.r.l.  
Inkjet Solutions Limited  
International Financial Services  
INX International Ink Co.  
IPT Digital LLC  
iSys Label  
Iwatsu Electric Co Ltd  
Kodak  
Konica Minolta Business Solutiona U.S.A. Inc.  
KPG (Europe) Limited  
Label Pack  
LINTEC Corporation  
Lucky Huaguang Graphics Co Ltd  
m print morlock gmbh & co. kg  
Mark Andy  
Markem-Imaje CSAT GmbH  
MCS, Inc.  
Memjet Labels  
MGI  
Michelman  
Miyakoshi Printing Machinery., Co. Ltd.  
Monotech Systems Ltd  
MPS Systems B.V.  
Mutoh Belgium n.v.  
Neryos SAS  
Newfoil Machines Limited  
Nilpeter A/S  
OKI Europe Ltd  
Omet Srl  
Opakowanie  
Pillar Technologies - An ITW Company  
Poligrafika  
Primera Technology, Inc  
Printum GmbH  
Prototype & Production Systems, Inc./ DICE Graphic Technologies  
Rena, a Neopost Brand  
Repacorp, Inc.  
Roland DG Benelux NV  
Rti Digital  
Screen Europe  
Shandong Taibao Anti-Counterfeiting Technology Products Co., Ltd  
SHIKI MACHINE SUPPLY CORP.  
SPGPrints  
Styers Equipment Company  
Toshiba Tec Corporation  
Trojan Color Systems  
Trojanlabel  
Uninet  
UTECO NORTH AMERICA INC.  
VIP Color Europe  
Weifang Donghang Graphic Technology Inc.  
Werosys ApS  
Xaar PLC  
Xeikon

#### Doctor blades

Agfa Graphics  
Allison Systems Corporation  
Conversource Inc.  
CT Graphic Arts  
Flexo Concepts  
FLXON  
HC Miller Press  
JV Imaging Solutions, Inc  
Provident  
Quality Discount Press Parts & Equipment  
Retroflex Inc.

#### Dome labeling-doming machines

Color-Dec Italy  
Demak America Inc.

#### Drive and control systems

BST eltromat International GmbH  
CC1, INC  
Coating International / Rek & Thomas Medien AG  
Davis-Standard, LLC  
Dover Flexo Electronics, Inc.  
FMS USA, Inc.  
MEROBEL  
Pillar Technologies - An ITW Company  
Re S.p.a. Controlli Industriali  
Selectra Srl  
SRC Systems Limited  
Valmet

#### Engraving machinery

Anderson Europe GmbH  
D.P.R. S.r.L.  
Hans-Gronhi Graphic Technology Company Limited  
Inglesse S.r.l.  
SPGPrints  
Universal Engraving, Inc.- UEI Group Company

#### Fabric label materials

Astro-Med GmbH QuickLabel Systems  
Budaval AG  
Comercial Arqué, S.A.  
Dunmore  
Dynic UK Ltd  
Emax Label Solutions  
FFEI  
Folien Fischer AG  
Huzhou Kingdom Coating Industry Co.,Ltd.  
Huzhou Siny Label material Co., Ltd  
Icap-Sira Chemicals And Polymers Spa  
Infopack  
Italstick Self Adhesive Materials & Coatings  
ITD S.r.l.  
Itochu Deutschland GmbH  
Kasha Ribbon  
Mimaki Europe BV  
MSM  
Nastrificio di Cassano SpA  
Paper Resources, Inc.  
Roll Cover Italiana S.r.L.  
Rolling Optics  
Rotolificio Pugliese Srl  
Sanyo Corporation of America  
Shanghai Realtac Trading Company Ltd  
Thermo Code System  
Transfer Trade s.r.l.  
TTR Euroworks BV  
VanDerEng BV  
Zhongshan Fu Zhou Adhesive-Product Co Ltd

#### Fabric label presses

Esterlam International Ltd  
Focus Label Machinery Ltd  
Infopack  
Label Pack  
MELZER maschinenbau GmbH  
Pillar Technologies - An ITW Company

#### Finishing equipment, slitters and rewinders

AB Graphic International Ltd  
Accrapply  
Afinia Label  
ALS Engineering GmbH  
Ashe Converting Equipment  
AzTech Converting Systems  
B. Bunch Company, Inc.  
Bar Graphic Machinery Ltd  
Beijing Zodngoc Automatic Technology co.,Ltd  
Berra s.r.l.  
bielomatik Leuze GmbH + Co. KG  
Bitek Technology Inc. (anytron)  
Blumer Maschinenbau AG  
BOGRAMA AG  
Brotech Graphics Co., Ltd  
BW Bielowat  
Catbridge Machinery  
Coating International / Rek & Thomas Medien AG  
Colordyne Technologies, LLC  
COMPONEX INC  
Controls Engineering  
Converting Equipment International Inc  
Creed Engineers (VINSAK)  
CTC International, Inc.  
D&K Coating Technologies, Inc  
D.P.R. S.r.L.  
Daco Solutions Ltd  
Dantex  
DCM USIMECA  
De Rossi Vittoriano S.r.l.  
Deacro Industries Ltd.  
Delta ModTech  
Dienes Corporation  
Electro Optic Werkzeugtechnik GmbH  
Enprom  
Esko  
ETI Converting Equipment  
EUROMAC  
FAES AG  
Focus Label Machinery Ltd  
G&K-Vijuk Intern. Corp.  
GIC (GRAPHIC INTERFACE CONCEPT)  
GN Flexo  
Golden Hontec Laser (Donnguan Hontec Machinery)  
Gonderflex International Inc  
Graficon Maschinenbau AG  
Grafisk Maskinfabrik  
Grafotronic AB  
Graphtec Corporation  
GSM Graphic Supplies & Machinery Ltd  
Holby Williams International  
Hunkeler AG  
Hyden Packaging Pvt Ltd  
Impression Technology Europe  
Infinity Foils, Inc- UEI Group Company  
J&J Converting Machinery  
Jurnmet Sp. z.o.o. Sp.K.  
Karlsruhe Development LLC  
Kompac Technologies  
KOR Engineering Inc.  
Kumar Labels  
Labelmate LLC.  
Labeltech  
LasX Industries, Inc.  
Lemorau  
Lemu Talleres SA  
Lombardi Converting Machinery Srl



Longford International Ltd  
Markem-Imaje CSAT GmbH  
Matik, Inc.  
Maxcess International  
MBO America  
MELZER maschinenbau GmbH  
Mid American Rubber  
Mida Maquinaria  
Monotech Systems Ltd  
NEPATA GmbH  
Neryos SAS  
Nikka Research Deutschland GmbH  
OKI Europe Ltd  
Packers  
Pap'Argus  
Pinewood Label Systems Limited  
Polar-Mohr  
Poligrafika  
Polygraphica Equipment Ltd  
Prati s.r.l.  
Precise Graphic India Pvt Ltd  
Preco, Inc.  
Primera Technology, Inc  
Printum GmbH  
Reconcile Engineering Ltd.  
Reel To Reel International Ltd  
Rietstack  
Roller USA  
Rosas GmbH  
Rotatek S.A.  
ROTOCONTROL  
Rotoflex  
Ryback & Ryback Inc.  
Sam Meccanica Srl  
Serame  
Sermar Machines Srl  
SMAG (SRAMAG SAS)  
Soma Engineering  
Spartanics  
SRC Systems Limited  
Styers Equipment Company  
Tamarack Products Inc  
Tangshan Wanjie Europe  
Tectonic International Ltd  
TGW International Inc.  
Tidland  
Tilt Lock  
Tools & Production Inc.  
Totani America  
Trojan Color Systems  
Trojanlabel  
Uninet  
VAN DEN BERGH Consulting bvba  
Wasberger Label Equipment  
Webex  
WEIGANG Machinery  
Wenzhou Rhyguan Machinery Co Ltd  
Werosys ApS  
Xeikon  
Xiamen Delish Automation Equipment Co., Ltd  
Zhejiang WeiGang Machinery Co., Ltd  
Zhongshan Shuguan Self-Adhesive Products Co., Ltd

#### Flexo presses

AAA Press International, Inc.  
Advanced Machinery NV  
Alliance Printech Pvt Ltd  
Alltrade Recycling Equipment  
Alpha-Cure Ltd  
American Water Graphics, Inc.  
Anderson & Vreeland, Inc.  
AzTech Converting Systems  
Bar Graphic Machinery Ltd  
BASCH GROUP (CHINA)  
Bobst  
Brenna Srl  
Carl Ostermann Erben GmbH (COE)  
Converttech Equipment Pvt Ltd  
Creed Engineers (VINSAK)  
DCM USIMECA  
De Rossi Vittoriano S.r.l.  
DIP Co.  
Discount Labels  
DPL Industri A/S  
Edale Ltd  
Edwards Label  
Episcan  
ERREPI S.r.l.  
Esterlam International Ltd  
ETI Converting Equipment  
Etirama Industria de Maquina Ltd  
FlexoExport Ltd  
Flexpol Sp. z o.o  
FLXON  
Focus Label Machinery Ltd  
Fox Valley Technical College  
Fuji Shoko Co. Ltd.  
Futec Europe GmbH  
Future Pack / KOREA  
Gallus Ferd. R. esch AG  
GB Flexo Equipment  
GIC (GRAPHIC INTERFACE CONCEPT)  
Globe-Tek Corporation  
GN Flexo  
Gonderflex International Inc.  
Goss International Europe B.V.  
Graficon Maschinenbau AG  
GSM Graphic Supplies & Machinery Ltd  
Hapa AG  
HC Miller Press

Hoya Candeo Optronics Corp.  
Industrial Inkjet Ltd  
INOMETA GmbH  
Iwasaki International Inc.  
J&J Converting Machinery  
KBA-MePrint AG  
KPG (Europe) Limited  
Label Pack  
Lemu Talleres SA  
Lombardi Converting Machinery Srl  
Lucky Huaguang Graphics Co Ltd  
Mark Andy  
Matik, Inc.  
MCS, Inc.  
Memjet Labels  
Michelman  
Mid American Rubber  
Mona Equipments  
MPS Systems B.V.  
Multitec Aids Pvt Ltd  
Nilpeter A/S  
Nuova GIDUE S.r.l.  
Omet Srl  
Opakowanie  
PCMC - Paper Converting Machine Company  
PIASC  
Pillar Technologies - An ITW Company  
Poligrafika  
Polygraphica Equipment Ltd  
Printing Innovation AG  
R.C. Lamps S.n.c. / VTI  
RayPress Corporation  
Reel To Reel International Ltd  
Retroflex Inc.  
Rotary Die Company Sp. z o.o.  
Rotatek S.A.  
Ruttiman Trade AG  
Sam Meccanica Srl  
Shandong Taibao Anti-Counterfeiting Technology  
Products Co., Ltd  
Shanghai Realtac Trading Company Ltd  
Sohn Mfg  
Soma Engineering  
Styers Equipment Company  
Tangshan Wanjie Europe  
Tech Sleeves  
Tectonic International Ltd  
Telstar Engineering Inc.  
Tower Products Inc.  
TRESU Group  
Troika Systems Ltd  
Tungsman and Company Inc  
UTECO NORTH AMERICA INC.  
Weifang Donghang Graphic Technology Inc.  
WEIGANG Machinery  
WUHAN GOLDEN LASER CO.,LTD  
Zhejiang Hexiang Printing Machinery Co Ltd  
Zhejiang WeiGang Machinery Co., LTD  
ZHEJIANG ZHONGTE MACHINERY  
Zhongshan Shuguan Self-Adhesive Products Co., Ltd

#### Gravure presses

ABBA Roller  
Brenna Srl  
Converttech Equipment Pvt Ltd  
DCM USIMECA  
ETI Converting Equipment  
Flexpol Sp. z o.o  
FLXON  
Fuji Shoko Co. Ltd.  
Futec Europe GmbH  
GSM Graphic Supplies & Machinery Ltd  
Hoya Candeo Optronics Corp.  
INOMETA GmbH  
International Financial Services  
Michelman  
Mona Equipments  
Nilpeter A/S  
Polygraphica Equipment Ltd  
Retroflex Inc.  
Troika Systems Ltd  
UTECO NORTH AMERICA INC.

#### Hand-held labeling systems

Ben Clements and Sons, Inc./Tach-It  
Open Data Srl  
Pinewood Label Systems Limited  
Printex Srl  
START International  
Typerite

#### Hologram equipment

DCM USIMECA  
DIAVY SRL  
DMS, INC.  
DPL Industri A/S  
FAES AG  
GIETZ AG  
ITW Foils  
Laser Art Studio Ltd.  
Matik, Inc.  
Newfoil Machines Limited  
Pantec GS Systems AG  
PCT Engineered Systems LLC  
Sam Meccanica Srl  
Schobertechnologies GmbH  
Tescan Print Inspection Systems  
VAN DEN BERGH Consulting bvba  
Zhejiang Zhongjia Technology Co Ltd

#### Holograms-OVDs

##### (optically variable devices)

Complete Inspection Systems Inc.  
Crown Roll Leaf, Inc.  
DIAVY SRL  
DMS, INC.  
Episcan  
FLEXcon Company, Inc.  
Holostik India Ltd  
ITW Foils  
K Laser Technology (USA) Co., Ltd.  
KURZ, LEONHARD, Stiftung & Co. KG  
L C Trade  
Leonardus S.r.l. - Italy  
Pack Vision BV  
Prooftag  
Rolling Optics  
Zhejiang Zhongjia Technology Co Ltd

#### Hot air and IR drying systems

AAA Press International, Inc.  
adphos Digital Printing GmbH  
Air Motion Systems  
Alpha-Cure Ltd  
Brenna Srl  
Coating International / Rek & Thomas Medien AG  
Davis-Standard, LLC  
DR. FISCHER Group  
Dr. H'nle AG, UV Technology  
ebeam Technologies  
Eltosch Grafix GmbH  
Excelitas Technologies Corp.  
G Technologies Srl  
GEW (EC) Ltd  
Graphbury Smart Solutions, LLC  
Hamamatsu Photonics  
Heraeus Noblelight GmbH  
Honle UV America  
Hoya Candeo Optronics Corp.  
IOT Innovative Oberflächentechnologien GmbH  
IST METZ GmbH  
KETT US  
Kompac Technologies  
KROENERT  
Lamp Tech  
Papier & Druck  
PCMC - Paper Converting Machine Company  
PCT Engineered Systems LLC  
Phidastien International  
Phoseon Technology  
Prime UV Systems, Inc.  
PrintConcept UV-Systeme GmbH  
R.C. Lamps S.n.c. / VTI  
Toc Maquinas Industriales SA De CV  
TRESU Group  
UV Ray S.r.l  
uv-technik meyer gmbh  
Uviterno AG  
XDS Holdings, Inc.

#### Hot foil machinery

AB Graphic International Ltd  
Berra s.r.l  
Cartes S.r.l.  
DIAVY SRL  
DMS, INC.  
FlexoExport Ltd  
GIETZ AG  
Grafisk Maskinfabrik  
GSM Graphic Supplies & Machinery Ltd  
Infinity Foils, Inc- UEI Group Company  
Iwasaki International Inc.  
KURZ, LEONHARD, Stiftung & Co. KG  
Link Label Machinery Co Ltd  
Lombardi Converting Machinery Srl  
Matik, Inc.  
MGI  
Mida Maquinaria  
Newfoil Machines Limited  
ORTHOTEC, WAN AN PRECISE MACHINERY  
WORKS CO., LTD.  
Pantec GS Systems AG  
Prisma Srl  
Reel To Reel International Ltd  
Sam Meccanica Srl  
Schobertechnologies GmbH  
Starfoil Technology Netherlands bv  
STOMA GmbH  
Telstar Engineering Inc.  
UEI Falcontec  
UltraSource LLC  
Universal Engraving, Inc.- UEI Group Company  
VAN DEN BERGH Consulting bvba  
Wenzhou Rhyguan Machinery Co Ltd  
Werosys ApS  
ZHEJIANG ZHONGTE MACHINERY

#### Hot stamping foils

API Foils  
ARMOR  
Crown Roll Leaf, Inc.  
DIAVY SRL  
Diehard Dies Pvt Ltd  
Dragon Foils Limited  
FAES AG  
Far East Yu La Industry Limited  
FUJIAN TAIXING SPECIAL PAPER CO, LTD  
Hangzhou Todaytec Digital Co., Ltd.  
Holostik India Ltd  
IGF Europe NV (International Graphic Films)

Infinity Foils, Inc- UEI Group Company  
ITW Foils  
Jiaozuo Zhuorim Digital Material Co Ltd  
Kasha Ribbon  
KURZ, LEONHARD, Stiftung & Co. KG  
L C Trade  
Lemmaco Kft  
Mastercorp Group  
MGI  
Pack Vision BV  
Sanyo Corporation of America  
SECUTAC  
Shandong Taibao Anti-Counterfeiting Technology  
Products Co., Ltd  
Starfoil Technology Netherlands bv  
Thermo Code System  
TTR Euroworks BV  
Typerite  
UEI Falcontec  
UltraSource LLC  
Univaco Foils Corporation  
Xiamen Delish Automation Equipment Co., Ltd  
Xinxiang Fineray Technology Ltd  
Zhejiang Hengfeng Packing Co., Ltd.  
Zhejiang Zhongjia Technology Co Ltd

#### Hot stamping-embossing cylinders

ABBA Roller  
Applied Laser Engineering Ltd.  
DIAVY SRL  
DMS, INC.  
Felix Boettcher GmbH & Co  
Holfeld Tool & Die Ltd  
ITW Foils  
Kocher + Beck GmbH & Co. Rotationsstanztchnik KG  
KURZ, LEONHARD, Stiftung & Co. KG  
LARTEC - Flexible Dies  
Luminite Products Corp.  
Pantec GS Systems AG  
Precise Graphic India Pvt Ltd  
Rotary Technology (Guangzhou) Co Ltd  
Spilker GmbH  
Starfoil Technology Netherlands bv  
TECHNI FORM  
UEI Falcontec  
Universal Engraving, Inc.- UEI Group Company  
Wink Stanzwerkzeuge GmbH & Co. KG

#### In-mold label materials

Allen Plastic Industries Co Ltd  
AM-PG Group  
Arjobox/Polyart  
Collano Adhesives AG  
Controls Engineering  
Dyna-Tech Adhesives, Inc.  
Electro Optic Werkzeugtechnik GmbH  
FUJIAN TAIXING SPECIAL PAPER CO, LTD  
Granwell Products / Polyolith  
H.S. Industries Co., Ltd  
Hop Industries Corp.  
Innovia Films  
Jindal Films Americas  
Leonardus S.r.l. - Italy  
Max Speciality Films Ltd  
Michelman  
Minus Nine Technologies  
Multi-Plastics, Inc.  
POLIBAK PLASTIK FILM SANAYI VE TICARET A.S.  
ROCHEUX INTERNATIONAL  
Shanghai Realtac Trading Company Ltd  
Squid Inks AG (Ltd.)  
Super Film Packaging Films  
Synthogra  
Taghleef Industries SpA  
Taizhou Newtech Film Co Ltd  
Tamerica Products, Inc.  
TESLIN Substrate by PPG Industries  
Toyo Ink Arets NV  
Treon America, Inc.  
Yupo Europe GmbH

#### Industry service suppliers

Air and Water Systems, Inc.  
Alltrade Recycling Equipment  
Andantex USA Inc  
Dima  
Dr. H'nle AG, UV Technology  
Electro Optic Werkzeugtechnik GmbH  
Flexographic Technical Association (FTA)/FLEXO Magazine  
Fuji Shoko Co. Ltd.  
Graphic Innovators Inc/ Lighthouse Consulting & Restoration Services  
HEIGHTS (UK) Limited  
J&J Converting Machinery  
LTHD  
marks-3zet GmbH & Co. KG  
NPPS - Flexo for Hire  
Oxford Instruments  
Praxair Surface Technologies  
Precision AirConvey Corp  
SoftSolutions, Inc.  
tesa SE  
Tri-Tronics Company, Inc.  
Wilkoff Color Corporation

#### Ink control-dispensing systems

ACTEGA North America  
Converttech Equipment Pvt Ltd

Esko  
Fag Graphic Systems SA  
Flint Group  
FULL Systembau GmbH  
Graphbury Smart Solutions, LLC  
Graymills Corporation  
GSE Dispensing  
Industrial Inkjet Ltd  
Inkjet Solutions Limited  
INX International Ink Co.  
Kor-Chem, Graphic Arts Division  
Memjet Labels  
Print Proof Solutions B.V.  
QuadTech Inc.  
RK Print Coat Instruments Ltd  
Siegwerk Environmental Inks  
Sun Chemical (Germany)  
TRESU Group  
Wikoff Color Corporation  
Zeller+Gmelin GmbH & Co. KG

**Inking rollers**  
ABBA Roller  
Apex International  
Applied Laser Engineering Ltd.  
ARC International  
Cheshire Anilox Technology Ltd  
CTS Industries  
Felix Boettcher GmbH & Co  
Garvey  
Harper Corporation of America  
Jemmco, LLC  
Jiaozuo Zhuorim Digital Material Co Ltd  
Kasha Ribbon  
Luminite Products Corp.  
Mid American Rubber  
Papier & Druck  
Praxair Surface Technologies  
Rossini North America, LLC  
Rotary Technology (Guangzhou) Co Ltd  
Ruttiman Trade AG  
Wilson Manufacturing Co.  
Xinxiang Fineray Technology Ltd  
Zecher GmbH

**Inks**  
ACTEGA North America  
AEOB Science Technology Co Ltd  
Alden & Ott Printing Inks  
American Water Graphics, Inc.  
Angstrom Technologies Inc  
ARMOR  
Bella Kagit  
Boussey Control Europe  
Braden Sutphin Ink  
Collins Inkjet Corporation  
Colorgen  
Colorgraf SpA  
Creed Engineers (VINSAK)  
Dropjet Makina Kimya San. Ltd. Sti.  
ECKART GmbH  
Edson International  
EFI  
Encres Dubuit  
Epson America Inc.  
Ercan Inc.  
FFEI  
Finjetchemical Industries Ltd  
Flexo Label Advantage Group LLC (FLAG)  
Flint Group  
FRANCIS BUEHLER AG  
Frimpeks A.S.  
Fujicopian Co., Ltd. (Europe) branch  
Fujifilm Europe GmbH  
Garvey  
General Srl  
GSB-Wahl GmbH sharing TLS Anilox GmbH  
Hapa AG  
Hoya Candeo Optronics Corp.  
IIMAK Europe  
Industrial Inkjet Ltd  
INX International Ink Co.  
J%onecke+Schneemann Druckfarben GmbH  
Kor-Chem, Graphic Arts Division  
Label Pack  
Lucky Huaguang Graphics Co Ltd  
Luminescence International Ltd  
Luxul FZC  
Magnum Inks & Coatings  
Marabu GmbH & Co. KG  
marks-3zet GmbH & Co. KG  
Memjet Labels  
Minus Nine Technologies  
Mirage Inks Ltd  
Natural Ink  
Nazdar Ink Technologies  
Neuralabel Printing Solutions  
Nicoat  
Paragon Inks Ltd  
Printgraph SpA  
Pulse Roll Label Products Ltd  
Radiator (France) S.A.S  
Resino Trykfarver A/S  
RK Print Coat Instruments Ltd  
Rowat Inks BV  
RUCO Druckfarben, A.M. Ramp & Co GmbH  
Siegwerk Environmental Inks  
SPGPrints  
Spring Coating Systems  
Squid Inks AG (Ltd.)

Sun Chemical (Germany)  
Thermo Code System  
Toyo Ink Arets NV  
UCS (UV Curable Systems bvba)  
United Speciality Inks Pvt. Ltd.  
Uvitec Printing Ink, Inc.  
Wikoff Color Corporation  
Zeller+Gmelin GmbH & Co. KG

**Insertion/onsertion systems**  
AzTech Converting Systems  
bielomatik Leuze GmbH + Co. KG  
Comercial ArquE, S.A.  
Controls Engineering  
Edwards Label  
Longford International Ltd  
MELZER maschinenbau GmbH  
M, hlbauer GmbH & Co. KG  
Multifeeder Technology Inc  
Newfoil Machines Limited  
RayPress Corporation  
Rosas GmbH  
SMAG (SRAMAG SAS)  
Tamarack Products Inc  
Thiele Technologies

**Inspection equipment**  
AAA Press International, Inc.  
AB Graphic International Ltd  
Accrply  
Adhesive Technical Services Ltd  
Advanced Machinery NV  
Alliance Printech Pvt Ltd  
Applied Rigaku Technologies, Inc.  
Ashe Converting Equipment  
AVT  
Axicon Auto ID LLC  
Bar Graphic Machinery Ltd  
bielomatik Leuze GmbH + Co. KG  
Boussey Control Europe  
BST eltromat International GmbH  
CC1, INC  
Complete Inspection Systems Inc.  
Covectra Europe Ltd  
Creed Engineers (VINSAK)  
CTC International, Inc.  
DCM USIMECA  
De Rossi Vittoriano S.r.L.  
Decosystem SRL  
Electromatic Equipment Co, Inc  
Episcan  
Erhardt + Leimer GmbH  
EUROMAC  
EyeC GmbH  
Fag Graphic Systems SA  
Fife-Tidland GmbH  
FLEXOR (EMIS) Ltd  
Four Pees  
Futec Europe GmbH  
Global Vision Inc  
Grafikontrol North America  
Grafisk Maskinfabrik  
Grafotronic AB  
GSE Dispensing  
GTI Graphic Technology, Inc.  
Honle UV America  
Hunkeler AG  
Hyden Packaging Pvt Ltd  
IN-CORE SYSTEMES  
ISRA Vision Parsytec  
Jemmco, LLC  
Karlsruhe Development LLC  
KETT US  
Labeltech  
Lake Image Systems Ltd  
Lemorau  
LUSTER LightTech (Beijing) Co. Ltd.  
Mahlo America Inc.  
Maxcess International  
MIIP  
MoistTech Corp.  
Monotech Systems Ltd  
Nikka Research Deutschland GmbH  
Novation, Inc.  
One Box Vision  
Pantron Automation, Inc  
PC Industries  
Prati s.r.l.  
Process Sensors Corporation  
QuadTech Inc.  
Reconcile Engineering Ltd.  
Rosas GmbH  
ROTOCONTROL  
Rotoflex  
Selectra Srl  
Sibress  
SMAG (SRAMAG SAS)  
Tescan Print Inspection Systems  
Tectonic International Ltd  
Testing Machines Inc.  
Tidland  
Unilux, Inc.  
uv-technik meyer gmbh  
Voyantic Ltd  
Wasberger Label Equipment  
Webex  
Webscan Inc  
Wenzhou Rhyguan Machinery Co Ltd  
X-Rite Europe GmbH  
ZhejiangWeiGang Machinery Co., LTD

### Label applicators

Accrply  
ACHEM Industry America, Inc.  
ANFEC  
Ben Clements and Sons, Inc./Tach-It  
cab Produkttechnik GmbH & Co KG  
Dispensa-Matic Label Dispensers  
Dropjet Makina Kimya San. Ltd. Sti.  
Etiquettes Plus  
Garvey  
HENAN PROVINCE WELKING TECHNOLOGIES CO.,LTD  
Hu Zhou HengXin Label manufacture Co Ltd  
Hurkimsa Kimya San.  
Inkstar Office Appliance Factory of Tianjin  
Itochu Deutschland GmbH  
Karlville Development LLC  
Kirk-Rudy, Inc.  
Laser Art Studio Ltd.  
Mimaki Europe BV  
Novation, Inc.  
OKI Europe Ltd  
Open Data Srl  
PDC International Corporation  
Pinewood Label Systems Limited  
Primera Technology, Inc  
Ravenwood Packaging Ltd  
RayPress Corporation  
REA Elektronik GmbH  
Reconcile Engineering Ltd.  
Simple Solutions and Innovations Inc  
START International  
Tamarack Products Inc  
Tech-Melt Adhesives Ltd.  
Thermal Printer Support Ltd  
Thiele Technologies  
UltraSource LLC  
VAN DEN BERGH Consulting bvba  
WRH Global Americas  
Xinxiang Fineray Technology Ltd  
Zhejiang Ouli Digital Inkjet Materials Co Ltd  
Zhongshan Shuguan Self-Adhesive Products Co., Ltd

### Label dispensers

AEOB Science Technology Co Ltd  
ANFEC  
Ben Clements and Sons, Inc./Tach-It  
cab Produkttechnik GmbH & Co KG  
D.P.R. S.r.L.  
Dispensa-Matic Label Dispensers  
Etiquettes Plus  
Garvey  
HENAN PROVINCE WELKING TECHNOLOGIES CO.,LTD  
Infopack  
Labelmate LLC.  
Longford International Ltd  
Novation, Inc.  
OKI Europe Ltd  
Open Data Srl  
Pinewood Label Systems Limited  
Printex Srl  
Printing Innovation AG  
REA Elektronik GmbH  
START International  
Thiele Technologies  
UltraSource LLC  
WRH Global Americas

### Label overprinters and print-apply systems

Afinia Label  
Alpha-Cure Ltd  
ANFEC  
cab Produkttechnik GmbH & Co KG  
De Rossi Vittoriano S.r.L.  
Domino Printing Sciences  
Etiquettes Plus  
FFEI  
FRANCIS BUEHLER AG  
Grafotronic AB  
Hapa AG  
HENAN PROVINCE WELKING TECHNOLOGIES CO.,LTD  
Hurkimsa Kimya San.  
Impression Technology Europe  
Inkjet Solutions Limited  
Iwatsu Electric Co Ltd  
KBA-MePrint AG  
Labelmate LLC.  
Lake Image Systems Ltd  
Mimaki Europe BV  
Mutoh Belgium n.v.  
Newfoil Machines Limited  
OKI Europe Ltd  
Palmetto Imaging Technology, LLC  
Printex Srl  
Printing Innovation AG  
Prototype & Production Systems, Inc./ DICE Graphic Technologies  
REA Elektronik GmbH  
Rea Jet  
ROTOCONTROL  
SNBC-Orient-Technologies  
SwiftColor  
Thermal Transfer Solutions Ltd  
Transfer Trade s.r.l.  
Trojanlabel  
Tyterite  
UltraSource LLC

Uninet  
Union Chemica Europe  
VanDerEng BV  
WRH Global Americas

### Label papers

Aluminium Feron GmbH & Co. KG  
ANFEC  
Antalis International  
Appvion, Inc.  
Arjobex/Polyart  
Arjowiggins  
Avery Dennison Label and Packaging Materials  
AzCoat, Inc.  
Bella Kagit  
BESEL  
Boise Paper  
BW Biomatik  
Carnelot Papers Inc  
Catalyst Paper  
Celestik Inc  
Cham Paper Group  
Contract Converting, LLC  
Crown Van Gelder B.V.  
Delfortgroup AG  
Dunafin Kft.  
Etiquettes Plus  
Fangda Packaging Co., Ltd.(Hebei,China)  
Folien Fischer AG  
Foshan Chancheng Hengyi Plastic Color Printing Factory  
FUJIAN TAIXING SPECIAL PAPER CO, LTD  
Globus International  
Granwell Products / Polyolith  
Guangdong Guanbao High Tech Co Ltd  
Guangzhou Manborui Material Technology Co Ltd  
Hansol Paper Co Ltd  
Heartland Adhesives  
HENAN PROVINCE WELKING TECHNOLOGIES CO.,LTD  
Hinderer GmbH - APP Pindo Deli  
Hop Industries Corp.  
Hu Zhou HengXin Label manufacture Co Ltd  
Hurkimsa Kimya San.  
Huzhou Kingdom Coating Industry Co.,Ltd.  
IGF Europe NV (International Graphic Films)  
Infinity Tapes  
Italstick Self Adhesive Materials & Coatings  
Japan Pulp & Paper GmbH  
Jujo Thermal Ltd.  
Kanzaki Specialty Papers  
KANZAN Spezialpapiere GmbH  
Kasha Ribbon  
Koan Hao Technology Co.,Ltd  
Label Pack  
Lana Papier Spéciaux II  
LECTA  
LTHD  
Mactac  
Mark Products Corp  
Matthias Paper Corporation  
MAX International Converters Inc  
MDV GmbH  
Mitsubishi HiTec Paper  
Munksj  
National Paper Company  
NDC Spray Coating System Fabricating Co., Ltd.  
New Solution S.A.  
Oxford Instruments  
Paper Resources, Inc.  
PASACO Coated Papers Co Ltd  
Printing Innovation AG  
PURE Labels (Elevate Packaging, Inc)  
REA Elektronik GmbH  
Ricoth Industrie France  
Ritrama S.p.A.  
Rolling Optics  
Sappi  
Seibert - PFV  
SHANGHAI ROCKY INDUSTRIAL CO.,LTD  
Shanghai Jinda Plastic Co., Ltd.  
Shanghai Realtac Trading Company Ltd  
Sihl GmbH  
SMI Coated Products Pvt Ltd  
Superior Label  
Taizhou Newtech Film Co Ltd  
Tamerica Products, Inc.  
TESLIN Substrate by PPG Industries  
Torraspapel SA (headquarters)  
VanDerEng BV  
Verso Corporation  
VIP Color Europe  
Xiamen Delish Automation Equipment Co., Ltd  
Yupo Europe GmbH  
Zhongshan Fu Zhou Adhesive-Product Co Ltd  
Zhongshan Shuguan Self-Adhesive Products Co., Ltd  
Zuber Rieder

**Laser-cutting engraving systems**  
AB Graphic International Ltd  
ALS Engineering GmbH  
Applied Laser Engineering Ltd.  
Bitek Technology Inc. (anytron)  
Cartes S.r.l.  
D.P.R. S.r.L.  
Delta ModTech  
Golden Hontec Laser (Donnguan Hontec Machinery)  
Grafisk Maskinfabrik  
Hans-Gronhi Graphic Technology Company Limited



Hunkeler AG  
Laser Art Studio Ltd.  
LasX Industries, Inc.  
Matik, Inc.  
Max Daetwyler Corporation  
Preco, Inc.  
SEI Laser  
Sibress  
Spartanics  
WUHAN GOLDEN LASER CO.,LTD

#### Letterpress presses

Alpha-Cure Ltd  
Codimag  
Da Shen Printing Machine Co Ltd  
FlexoExport Ltd  
Graficon Maschinenbau AG  
GSM Graphic Supplies & Machinery Ltd  
Hoya Candeo Optronics Corp.  
Hu Zhou HengXin Label manufacture Co Ltd  
Iwasaki International Inc.  
KPG (Europe) Limited  
Labelmen Machinery Co. Ltd  
Link Label Machinery Co Ltd  
LINTEC Corporation  
Mid American Rubber  
Mida Maquinaria  
ORTHOTEC, WAN AN PRECISE MACHINERY WORKS CO., LTD.  
Polygraphica Equipment Ltd  
Reel To Reel International Ltd  
Ruttiman Trade AG  
SHIKI MACHINE SUPPLY CORP.  
Tangshan Wanjie Europe  
WUHAN GOLDEN LASER CO.,LTD  
Zhejiang Hexiang Printing Machinery Co Ltd  
ZHEJIANG ZHONGTE MACHINERY

#### Linerless and self-wound labels

Maan Engineering BV  
ACHEM Industry America, Inc.  
Appvion, Inc.  
Ashland Inc.  
Bella Kagit  
Bostik SA  
Celestik Inc  
D&K Coating Technologies, Inc.  
ETI Converting Equipment  
Evonik Corporation  
Frimpeks A.S.  
Hunkeler AG  
IGF Europe NV (International Graphic Films)  
Kanzaki Specialty Papers  
Kumar Labels  
Lemu Talleres SA  
MAX International Converters Inc  
Mitsubishi HiTec Paper  
NAStar Inc.  
Nicoat  
Onemeh Industries CO.,PTE LTD  
PASACO Coated Papers Co Ltd  
QSPAC Industries, Inc  
Ravenwood Packaging Ltd  
Ricoh Industrie France  
Ritrama S.p.A.  
Transfer Trade s.r.l.  
Wacker Chemie AG

#### Metalized substrates

BESEL  
Camelot Papers Inc  
Coating International / Rek & Thomas Medien AG  
Contract Converting, LLC  
Dunmore  
ECKART GmbH  
FLEXcon Company, Inc.  
Flexpol Sp. z o.o  
Folex AG  
GARWARE POLYESTER LTD.  
Griff Paper and Film  
Hanita Coatings  
HUECK FOLIEN GmbH  
Infinity Tapes  
Innovia Films  
Italstick Self Adhesive Materials & Coatings  
ITW Foils  
Jindal Films Americas  
Kumar Labels  
LECTA  
Leonardus S.r.l - Italy  
LINTEC Corporation  
Manucor Spa  
Max Specialty Films Ltd  
MDV GmbH  
POLIBAK PLASTIK FILM SANAYI VE TICARET A.S.  
Print Systems  
Sanyo Corporation of America  
Seibert - PFV  
Sustanium  
Taghleef Industries SpA  
Torraspapel SA (headquarters)  
Trefan America, Inc.

#### MIS software

BEL Computer Systems  
Cerm Business Management Software  
Computer Productivity Services Inc.  
Covectra Europe Ltd  
CRC Information Systems, Inc.  
DALIM SOFTWARE GmbH

EFI  
Enterprise Print Management Solutions  
FFEI  
Globe-Tek Corporation  
Hybrid Software Inc.  
Key2Print sp z.o.o.  
Kodak  
Label Traxx  
Lake Image Systems Ltd  
Nikka Research Deutschland GmbH  
Perspex Kft  
Rti Digital  
Siemens PLM / SIMATIC IT Preactor  
SISTRADÉ ñ Software Consulting, S.A.  
SoftSolutions, Inc.  
Tharstern  
theurer.com

#### Offset blankets

Braden Sutphin Ink  
Felix Boettcher GmbH & Co  
Future Pack / KOREA  
LARTEC - Flexible Dies  
marks-3zet GmbH & Co. KG  
Papier & Druck  
Printgraph SpA  
Rossini North America, LLC

#### Offset presses

adphos Digital Printing GmbH  
Alliance Printech Pvt Ltd  
Alpha-Cure Ltd  
Bobst  
Codimag  
DIP Co.  
Futec Europe GmbH  
Gallus Ferd. R., esch AG  
Goss International Europe B.V.  
Graficon Maschinenbau AG  
GSM Graphic Supplies & Machinery Ltd  
HC Miller Press  
Iwasaki International Inc.  
KBA-MePrint AG  
Labelmen Machinery Co. Ltd  
Link Label Machinery Co Ltd  
Matik, Inc.  
Mid American Rubber  
Mida Maquinaria  
Miyakoshi Printing Machinery., Co. Ltd.  
Monotech Systems Ltd  
MPS Systems B.V.  
Nilpeter A/S  
Omet Srl  
ORTHOTEC, WAN AN PRECISE MACHINERY WORKS CO., LTD.  
Poligrafika  
Polygraphica Equipment Ltd  
R.C. Lamps S.n.c. / VTI  
Rotatek S.A.  
SHIKI MACHINE SUPPLY CORP.  
Styers Equipment Company  
Tangshan Wanjie Europe  
Weifang Donghang Graphic Technology Inc.  
WEIGANG Machinery  
Zhejiang WeiGang Machinery Co., LTD  
ZHEJIANG ZHONGTE MACHINERY

#### Plate mounting equipment

Agfa Graphics  
All Printing Resources  
Anderson & Vreeland, Inc.  
AV Flexologic  
Carl Ostermann Erben GmbH (COE)  
Conversource Inc.  
CT Graphic Arts  
DuPont de Nemours (Deutschland) GmbH  
Felix Boettcher GmbH & Co  
Glunz & Jensen  
Gonderflex International Inc.  
Graphbury Smart Solutions, LLC  
INOMETA GmbH  
JM Heaford Ltd  
Mark Andy  
Polymount International  
Precise Graphic India Pvt Ltd  
Print Systems  
Quality Discount Press Parts & Equipment  
Rogers Corporation  
Sinkotech USA  
Sys Tec Converting  
Tectonic International Ltd  
tesa SE  
Weifang Donghang Graphic Technology Inc.

#### Plates and platemaking equipment

3ES Mega Elektromekanik  
Agfa Graphics  
All Printing Resources  
Alltrade Recycling Equipment  
Anderson & Vreeland, Inc.  
Applied Laser Engineering Ltd.  
Asahi Photoproducts (Europe)  
Athena Graphics  
AV Flexologic  
Beta Industries - The Quality Control Company  
Carl Ostermann Erben GmbH (COE)  
ContiTech Elastomer Coatings  
Cron Europe GmbH  
CRON-ECRM LLC  
CT Graphic Arts

Dantex  
DigiFlex Ltd  
DuPont de Nemours (Deutschland) GmbH  
Esko  
Felix Boettcher GmbH & Co  
Flint Group  
Focus Label Machinery Ltd  
Fujifilm Europe GmbH  
Glunz & Jensen  
HEIGHTS (UK) Limited  
Inglese S.r.l  
Jet USA Corporation  
JV Imaging Solutions, Inc  
Kodak  
Lucky Huaguang Graphics Co Ltd  
Luminite Products Corp.  
MacDermid Printing Solutions  
marks-3zet GmbH & Co. KG  
Max Daetwyler Corporation  
Papier & Druck  
Print Systems  
Railex (Filing) Ltd  
Screen Europe  
Sibress  
Spring Coating Systems  
STOMA GmbH  
ThermoflexX  
Tower Products Inc.  
Toyobo Co Ltd  
Trinity Graphic USA Inc  
Troika Systems Ltd  
Vianord Engineering SAS

#### Prepress systems

3ES Mega Elektromekanik  
All Printing Resources  
Alphasonics  
Anderson & Vreeland, Inc.  
Athena Graphics  
AV Flexologic  
BASCH GROUP (CHINA)  
BEL Computer Systems  
Carlo Tagliabue  
CGS Publishing Technologies, LLC  
CHILLI Publish  
Computer Productivity Services Inc.  
Cron Europe GmbH  
CRON-ECRM LLC  
CT Graphic Arts  
DALIM SOFTWARE GmbH  
Dantex  
DigiFlex Ltd  
DIP Co.  
EFI  
Epson America Inc.  
Esko  
EyeC GmbH  
Fag Graphic Systems SA  
FFEI  
Flexo Label Advantage Group LLC (FLAG)  
Four Pees  
Fujifilm Europe GmbH  
Global Graphics Software  
Global Vision Inc  
Glunz & Jensen  
GMG Americas  
Hybrid Software Inc.  
Jet USA Corporation  
JM Heaford Ltd  
JV Imaging Solutions, Inc  
Kodak  
marks-3zet GmbH & Co. KG  
Max Daetwyler Corporation  
Monotech Systems Ltd  
Nikka Research Deutschland GmbH  
One Box Vision  
PC Industries  
Phoenix (Tilia Labs)  
Print Systems  
Provident  
Rossini North America, LLC  
Rti Digital  
Ryback & Ryback Inc.  
Screen Europe  
SPGPrints  
STOMA GmbH  
Tech Sleeves  
ThermoflexX  
Trinity Graphic USA Inc  
Vianord Engineering SAS

#### Pressure-sensitive films

Maan Engineering BV  
3M Industrial Adhesives & Tapes  
ACHEM Industry America, Inc.  
acpo, ltd  
Acucote  
Aluminium Feron GmbH & Co. KG  
Antalis International  
Appvion, Inc.  
ARCONVERT S.p.A  
Arjobex/Polyart  
Ashland Inc.  
Avatack Co Ltd  
Avery Dennison Label and Packaging Materials  
AzCoat, Inc.  
BeardowAdams, Inc.  
Bella Kagit  
Budaval AG  
C.I ARclad S.A.

Celestik Inc  
Channeled Resources Group  
CMC Klebtechnik GmbH  
Collano Adhesives AG  
Crown Roll Leaf, Inc.  
D&K Coating Technologies, Inc  
Discount Labels  
Drytac  
Emax Label Solutions  
EPS Materials  
FLEXcon Company, Inc.  
Flexo Label Advantage Group LLC (FLAG)  
Folex AG  
Folien Fischer AG  
Franklin Adhesives & Polymers  
Frimpeks A.S.  
GARWARE POLYESTER LTD.  
Globus International  
Gratityp Selfadhesive Products  
Griff Paper and Film  
Guangdong Guan hao High Tech Co Ltd  
H.S. Industries Co., Ltd  
Heartland Adhesives  
Herma GmbH  
Icap-Sira Chemicals And Polymers Spa  
IGF Europe NV (International Graphic Films)  
Infinity Tapes  
Innovia Films  
Intercoat  
Italnastri S.p.A  
Italstick Self Adhesive Materials & Coatings  
Itochu Deutschland GmbH  
Japan Pulp & Paper GmbH  
Jindal Films Americas  
King Label Adhesive Products Co., Ltd  
Kl'ckner Pentaplast  
Koan Hao Technology Co., Ltd  
Kumar Labels  
LECTA  
Leonardus S.r.l - Italy  
LINTEC Corporation  
Mactac  
Max Speciality Films Ltd  
MDV GmbH  
Momentive Performance Materials  
Mondi Akrosil, LLC  
MSM  
NAStar Inc.  
National Paper Company  
Paper Resources, Inc.  
POLIBAK PLASTIK FILM SANAYI VE TICARET A.S.  
Polyonics  
PURE Labels (Elevate Packaging, Inc)  
QSPAC Industries, Inc  
RayPress Corporation  
Repacorp, Inc.  
Ritrama S.p.A.  
ROCHEUX INTERNATIONAL  
Roll Cover Italiana S.r.L  
Sales Srl  
Sanyo Corporation of America  
SAScoat  
SECUTAC  
Sihi GmbH  
SMI Coated Products Pvt Ltd  
Spinnaker Coating  
STA, LLC  
Strata-Tac  
Super Film Packaging Films  
Sustanium  
Synthogra  
Taghleef Industries SpA  
Tamerica Products, Inc.  
Tech-Melt Adhesives Ltd.  
Technicote, Inc.  
TESLIN Substrate by PPG Industries  
Torraspapel SA (headquarters)  
Trefan America, Inc.  
UPM Raflatac  
VPF GmbH & Co. KG  
Wausau Coated Products, Inc.  
Yenom Pte. Ltd.  
Yupo Europe GmbH  
Zhejiang Ouli Digital Inkjet Materials Co Ltd  
Zhongshan Fu Zhou Adhesive-Product Co Ltd

#### Pressure-sensitive papers

Maan Engineering BV  
Acucote  
Aluminium Feron GmbH & Co. KG  
Antalis International  
Appvion, Inc.  
ARCONVERT S.p.A  
Arjowiggins  
Ashland Inc.  
Avatack Co Ltd  
Avery Dennison Label and Packaging Materials  
AzCoat, Inc.  
BeardowAdams, Inc.  
Bella Kagit  
Boise Paper  
Budaval AG  
C.I ARclad S.A.  
Catalyst Paper  
Celestik Inc  
Cham Paper Group  
Channeled Resources Group  
Collano Adhesives AG  
Delfortgroup AG  
Discount Labels

Dongguan Wangli Adhesive Technology  
Dunafin Kft.  
Emax Label Solutions  
EPS Materials  
Flexo Label Advantage Group LLC (FLAG)  
Folien Fischer AG  
Franklin Adhesives & Polymers  
Frimpeks A.S.  
Globus International  
Griff Paper and Film  
Guangdong Guan hao High Tech Co Ltd  
Hansol Paper Co Ltd  
Herma GmbH  
Icap-Sira Chemicals And Polymers Spa  
Infinity Tapes  
Intercoat  
Italnastrì S.p.A  
Italstick Self Adhesive Materials & Coatings  
Japan Pulp & Paper GmbH  
King Label Adhesive Products Co., Ltd  
LECTA  
LINTEC Corporation  
Mactac  
MAX International Converters Inc  
MDV GmbH  
Mitsubishi HiTec Paper  
Mondi Akrosil, LLC  
MSM  
NAStar Inc.  
National Paper Company  
Paper Resources, Inc.  
PURE Labels (Elevate Packaging, Inc)  
QSPAC Industries, Inc  
RayPress Corporation  
Repacorp, Inc.  
Ritrama S.p.A.  
Sales Srl  
Sappi  
SAScoat  
Shanghai Jinda Plastic Co., Ltd.  
SMI Coated Products Pvt Ltd  
Spinnaker Coating  
Strata-Tac  
Superior Label  
Tech-Melt Adhesives Ltd.  
Technicote, Inc.  
Torraspapel SA (headquarters)  
Trinity Graphic USA Inc  
UPM Raflatac  
Verso Corporation  
VPF GmbH & Co. KG  
Wausau Coated Products, Inc.  
Yenom Pte. Ltd.  
Zhejiang Zhongjia Technology Co Ltd  
Zhongshan Fu Zhou Adhesive-Product Co Ltd

#### Pressure-sensitive tapes

Maan Engineering BV  
ACHEM Industry America, Inc.  
acpo, ltd  
Aluminium Feron GmbH & Co. KG  
Antalis International  
Ashland Inc.  
Avatack Co Ltd  
BeardowAdams, Inc.  
Bella Kagit  
Ben Clements and Sons, Inc./Tach-It  
Cham Paper Group  
Channelled Resources Group  
CMC Klebetechnik GmbH  
Collano Adhesives AG  
Conversource Inc.  
Discount Labels  
EPS Materials  
Finjetchemical Industries Ltd  
FLEXcon Company, Inc.  
Folex AG  
Franklin Adhesives & Polymers  
Heartland Adhesives  
Icap-Sira Chemicals And Polymers Spa  
Infinity Tapes  
Italnastrì S.p.A  
King Label Adhesive Products Co., Ltd  
LINTEC Corporation  
Mactac  
Momentive Performance Materials  
Mondi Akrosil, LLC  
Mondi Consumer Packaging GmbH  
Paper Resources, Inc.  
Polyonics  
QSPAC Industries, Inc  
Ritrama S.p.A.  
Rogers Corporation  
Seal King  
SECUTAC  
SHANGHAI ROCKY INDUSTRIAL CO.,LTD  
Shanghai Realtac Trading Company Ltd  
STA, LLC  
START International  
Strata-Tac  
Tech-Melt Adhesives Ltd.  
tesa SE  
Wausau Coated Products, Inc.  
Yenom Pte. Ltd.  
Zhongshan Fu Zhou Adhesive-Product Co Ltd

#### Radio Frequency Identification (RFID)

AM-PG Group  
Arjowiggins  
bielomatik Leuze GmbH & Co. KG

BW Bielowatnik  
Commercial Arquè, S.A.  
Graphi Mecc srl  
Huzhou Siny Label material Co., Ltd  
ITD S.r.l.  
Iwasaki International Inc.  
King Label Adhesive Products Co., Ltd  
Kirk-Rudy, Inc.  
Matik, Inc.  
MELZER maschinenbau GmbH  
M, hlbauer GmbH & Co. KG  
Praxair Surface Technologies  
Printum GmbH  
Prooftag  
Reconcile Engineering Ltd.  
Rosas GmbH  
Schobertechnologies GmbH  
Shandong Taibao Anti-Counterfeiting Technology Products Co., Ltd  
Sun Chemical (Germany)  
Tamarack Products Inc  
Voyantic Ltd

#### Release liners

3M Industrial Adhesives & Tapes  
Applied Rigaku Technologies, Inc.  
Boise Paper  
Catalyst Paper  
Celestik Inc  
Cham Paper Group  
Channelled Resources Group  
Crown Van Gelder B.V.  
D&K Coating Technologies, Inc  
Delfortgroup AG  
Dongguan Wangli Adhesive Technology  
Dunafin Kft.  
Fangda Packaging Co., Ltd.(Hebei,China)  
Folien Fischer AG  
GARWARE POLYESTER LTD.  
Globus International  
Granwell Products / Polyolith  
Griff Paper and Film  
Guangdong Guan hao High Tech Co Ltd  
Hansol Paper Co Ltd  
Herma GmbH  
Infinity Tapes  
Italstick Self Adhesive Materials & Coatings  
ITASA  
King Label Adhesive Products Co., Ltd  
Kl'ckner Pentaplast  
Koan Hao Technology Co.,Ltd  
Kunshan Formula Coating Technology Co., Ltd.  
Mactac  
Michelman  
Momentive Performance Materials  
Mondi Akrosil, LLC  
Mondi Consumer Packaging GmbH  
MPI Release  
MSM  
Munksj  
PASACO Coated Papers Co Ltd  
Rossella S.r.L.  
Sappi  
SAScoat  
Shanghai Jinda Plastic Co., Ltd.  
Siliconature S.P.A.  
SMI Coated Products Pvt Ltd  
Strata-Tac  
Sustanium  
Taghleef Industries SpA  
Tamerica Products, Inc.  
Technicote, Inc.  
Verso Corporation  
Wacker Chemie AG  
Yenom Pte. Ltd.  
Zhejiang Ouli Digital Inkjet Materials Co Ltd  
Zhongshan Fu Zhou Adhesive-Product Co Ltd

#### Roll handling equipment

Alliance Printech Pvt. Ltd  
AzTech Converting Systems  
COMPONEX INC  
CTC International, Inc.  
CTS Industries  
Daco Solutions Ltd  
Dima  
Fife-Tidland GmbH  
FLEXOR (EMIS) Ltd  
Holtby Williams International  
KOR Engineering Inc.  
KTI- A Quantum Design Company  
Labeltech  
Lemu Talleres SA  
Maxcess International  
Mona Equipments  
NeuraLabel Printing Solutions  
Onemach Industries CO.,PTE LTD  
Papier & Druck  
Precision AirConvey Corp  
Quality Discount Press Parts & Equipment  
Reconcile Engineering Ltd.  
Sermar Machines Srl  
SRC Systems Limited  
Tidland  
Tilt Lock  
UltraSource LLC  
Wasberger Label Equipment  
Webex  
Zecher GmbH

#### Screen printing equipment

3ES Mega Elektromekanik  
AB Graphic International Ltd  
adphos Digital Printing GmbH  
Alpha-Cure Ltd  
ALS Engineering GmbH  
Berra s.r.l  
Carl Ostermann Erben GmbH (COE)  
Cartes S.r.l.  
Codimag  
DPL Industri A/S  
DPS Innovations LLC  
Epson America Inc.  
Gallus Ferd. R, esch AG  
Hu Zhou HengXin Label manufacture Co Ltd  
Kor-Chem, Graphic Arts Division  
Link Label Machinery Co Ltd  
marks-3zet GmbH & Co. KG  
Mida Maquinaria  
MPS Systems B.V.  
Omet Srl  
ORTHOTEC, WAN AN PRECISE MACHINERY  
WORKS CO., LTD.  
Preco, Inc.  
Prisma Srl  
Ruttiman Trade AG  
Sam Meccanica Srl  
Shanghai Realtac Trading Company Ltd  
SHIKI MACHINE SUPPLY CORP.  
SMAG (SRAMAG SAS)  
Spartanics  
SPGPrints  
Sun Chemical (Germany)  
Telstar Engineering Inc.  
WEIGANG Machinery  
Zhejiang WeiGang Machinery Co., LTD

#### Security inks-varnishes

ACEGA North America  
Alden & Ott Printing Inks  
American Water Graphics, Inc.  
Braden Sutphin Ink  
Colorgraf SpA  
Creed Engineers (VINSAK)  
ECKART GmbH  
Encres Dubuit  
Ercan Inc.  
Flint Group  
FRANCIS BUEHLER AG  
Hapa AG  
IIMAK Europe  
Industrial Inkjet Ltd  
J%onecke+Schneemann Druckfarben GmbH  
Kor-Chem, Graphic Arts Division  
Luminescence International Ltd  
Magnum Inks & Coatings  
marks-3zet GmbH & Co. KG  
MGI  
Michelman  
Minus Nine Technologies  
Mirage Inks Ltd  
Natural Ink  
Nazdar Ink Technologies  
Nicoat  
Paragon Inks Ltd  
Radiator (France) S.A.S  
Rowat Inks BV  
Royal Adhesives and Sealants  
Siegwerk Environmental Inks  
Squid Inks AG (Ltd.)  
Sun Chemical (Germany)  
United Speciality Inks Pvt. Ltd.

#### Security materials

acpo, ltd  
Acucote  
Aluminium Feron GmbH & Co. KG  
AM-PG Group  
Angstrom Technologies Inc  
ARCONVERT S.p.A  
Arjobex/Polyart  
Arjowiggins  
Avatack Co Ltd  
Budaval AG  
C.I ARclad S.A.  
Collano Adhesives AG  
Complete Inspection Systems Inc.  
Drytac  
Dunmore  
Electro Optic Werkzeugtechnik GmbH  
Folien Fischer AG  
Globe-Tek Corporation  
Guangzhou Manborui Material Technology Co Ltd  
Hanita Coatings  
HENAN PROVINCE WELLKING TECHNOLOGIES  
CO.,LTD  
Holostik India Ltd  
HUECK FOLIEN GmbH  
Huzhou Siny Label material Co., Ltd  
Infinity Tapes  
King Label Adhesive Products Co., Ltd  
Lana Papier Spéciaux Il  
Leonardus S.r.l - Italy  
MDV GmbH  
Mitsubishi HiTec Paper  
M, hlbauer GmbH & Co. KG  
PCT Engineered Systems LLC  
Prooftag  
Seal King  
SECUTAC

Seibert - PFV  
Sihl GmbH  
Sixtrue Srl  
SPGPrints  
TESLIN Substrate by PPG Industries  
UEI Falcontec  
Yenom Pte. Ltd.  
Yupo Europe GmbH  
Zhejiang Zhongjia Technology Co Ltd

#### Semi-rotary presses

Codimag  
Converting Equipment International Inc  
Da Shen Printing Machine Co Ltd  
Delta ModTech  
FLEXOR (EMIS) Ltd  
Grafotronic AB  
Iwasaki International Inc.  
K&A-MePrint AG  
Kumar Labels  
Lombardi Converting Machinery Srl  
Mida Maquinaria  
Miyakoshi Printing Machinery., Co. Ltd.  
ORTHOTEC, WAN AN PRECISE MACHINERY  
WORKS CO., LTD.  
Precision Graphic India Pvt Ltd  
R.C. Lamps S.n.c. / VTI  
Rotatek S.A.  
Sam Meccanica Srl  
Spartanics  
Tangshan Wanjie Europe  
WEIGANG Machinery  
Zhejiang WeiGang Machinery Co., LTD

#### Shrink/stretch films

Allen Plastic Industries Co Ltd  
AM-PG Group  
Athena Graphics  
Beijing Yongshengyunjia Wrapping Materials Co Ltd  
Bonset America Corporation  
CGS Publishing Technologies, LLC  
Controls Engineering  
Creative Edge Software  
Felins USA  
Four Pees  
FUJIAN TAIXING SPECIAL PAPER CO, LTD  
GARWARE POLYESTER LTD.  
Itochu Deutschland GmbH  
Jindal Films Americas  
Klear Plastic Ventures, LLC  
Kl'ckner Pentaplast  
PCT Engineered Systems LLC  
PDC International Corporation  
QSPAC Industries, Inc  
SECUTAC  
Sustanium  
Taghleef Industries SpA  
Taizhou Newtech Film Co Ltd  
TCW International Inc.  
Treofan America, Inc.

#### Silicone release coatings

Maan Engineering BV  
ACHEM Industry America, Inc.  
Acucote  
adphos Digital Printing GmbH  
Applied Rigaku Technologies, Inc.  
Ashland Inc.  
Bluestar Silicones North America  
Coating International / Rek & Thomas Medien AG  
COMPONEX INC  
Dow Corning Corporation  
ETI Converting Equipment  
Evonik Corporation  
Fangda Packaging Co., Ltd.(Hebei,China)  
Folien Fischer AG  
GARWARE POLYESTER LTD.  
Globus International  
Ichemco s.r.l  
IOT Innovative Oberflächentechnologien GmbH  
ITASA  
Jemmmo, LLC  
Keco Coatings  
KROENERT  
Kunshan Formula Coating Technology Co., Ltd.  
Minus Nine Technologies  
Mirage Inks Ltd  
Momentive Performance Materials  
Nicoat  
Paragon Inks Ltd  
QSPAC Industries, Inc  
Rossella S.r.L.  
Royal Adhesives and Sealants  
Siliconature S.P.A.  
Squid Inks AG (Ltd.)  
TLS Anilox GmbH  
Toyo Ink Arets NV  
Wacker Chemie AG  
Yenom Pte. Ltd.

#### Sleeve systems

Accraply  
Allen Plastic Industries Co Ltd  
ARC International  
Asahi Photoproducts (Europe)  
AV Flexologic  
Beta Industries - The Quality Control Company  
Dantex  
DCM USIMECA  
De Rossi Vittorio S.r.l.



Felix Boettcher GmbH & Co  
Flint Group  
GARWARE POLYESTER LTD.  
Glunz & Jensen  
Goss International Europe B.V.  
Harper Corporation of America  
Ingelse S.r.l  
Itochu Deutschland GmbH  
JV Imaging Solutions, Inc  
Karlville Development LLC  
Luminite Products Corp.  
PDC International Corporation  
Polymount International  
Rossini North America, LLC  
Ryback & Ryback Inc.  
Sibress  
Tech Sleeves  
TLS Anilox GmbH  
Vianord Engineering SAS  
Zecher GmbH

#### Splicing equipment

Brenna Srl  
BST eltromat International GmbH  
CMC Klebetechnik GmbH  
CTC International, Inc.  
Davis-Standard, LLC  
Dover Flexo Electronics, Inc.  
Erhardt + Leimer GmbH  
FAES AG  
Kirk-Rudy, Inc.  
KTI - A Quantum Design Company  
Martin Automatic Inc  
Serame  
tesa SE  
TGW International Inc.

#### Static elimination systems

Advanced Machinery NV  
Air and Water Systems, Inc.  
Airtrim, Inc.  
Boussey Control Europe  
DRAABE Humidification  
Fraser Anti Static Techniques Ltd  
Hamamatsu Photonics  
Jemmco, LLC  
KELVA  
Meech International  
Precision AirConvey Corp  
SDI  
Simco-Ion  
Spengler Electronic AG  
StopStatic.com division of Alpha Innovation

#### Test equipment

Access Printing Solution  
Adhesive Technical Services Ltd  
Applied Rigaku Technologies, Inc.  
Axicon Auto ID LLC  
bielomatik Leuze GmbH + Co. KG  
ChemInstruments  
Complete Inspection Systems Inc.  
Dr. H'nle AG, UV Technology  
ebeam Technologies  
Electromatic Equipment Co, Inc  
Erhardt + Leimer GmbH  
EyeC GmbH  
Fag Graphic Systems SA  
Four Pees  
GSE Dispensing  
GTI Graphic Technology, Inc.  
Ichemco s.r.l  
IGT Testing Systems  
Imada Inc  
IMASS  
IN-CORE SYSTEMES  
JM Heaford Ltd  
JUST Normlicht GmbH  
KETT US  
Laser Art Studio Ltd.  
LUSTER LightTech (Beijing) Co. Ltd.  
MoistTech Corp.  
Onemach Industries CO.,PTE LTD  
PCT Engineered Systems LLC  
Print Proof Solutions B.V.  
Process Sensors Corporation  
RK Print Coat Instruments Ltd  
Ryback & Ryback Inc.  
Sibress  
StopStatic.com division of Alpha Innovation  
Testing Machines Inc.  
Thwing-Albert Instrument Company  
Unix, Inc.  
uv-technik meyer gmbh  
VivaCasa  
Voyantic Ltd  
Webscan Inc  
X-Rite Europe GmbH

#### Thermal transfer ribbons

AEBOS Science Technology Co Ltd  
AM-PG Group  
ARMOR  
Astro-Med GmbH QuickLabel Systems  
Calor GmbH  
Comercial Arquê, S.A.  
DNP Imagingcomm America Corporation  
Dyvic UK Ltd  
Emax Label Solutions  
FAES AG

Far East Yu La Industry Limited  
Fujicopian Co., Ltd. (Europe) branch  
General Srl  
Gulton Inc.  
H.S. Industries Co., Ltd  
Hangzhou Todaytec Digital Co., Ltd.  
Hu Zhou HengXin Label manufacture Co Ltd  
Huzhou Siny Label material Co., Ltd  
IIMAK Europe  
Indstar Office Appliance Factory of Tianjin  
ITD S.r.l  
ITW Thermal Films  
Jiaozuo Zhuorim Digital Material Co Ltd  
Kasha Ribbon  
KURZ, LEONHARD, Stiftung & Co. KG  
Labelmen Machinery Co. Ltd  
Lemmaco Kft  
m print morlock gmbh & co. kg  
Mastercorp Group  
Microplex  
New Protech Srl  
Pack Vision BV  
Palmetto Imaging Technology, LLC  
Ricoh Industrie France  
Simple Solutions and Innovations Inc  
Thermal Printer Support Ltd  
Thermal Transfer Solutions Ltd  
Thermo Code System  
TODAYTEC Thermal Transfer Ribbons  
Transfer Trade s.r.l  
TTR Euroworks BV  
Tyrite  
Union Chemcar Europe  
VanDerEng BV  
Xiamen Delish Automation Equipment Co., Ltd  
Xinxiang Fineray Technology Ltd

#### Track and trace solutions

AM-PG Group  
Angstrom Technologies Inc  
Appvion, Inc.  
ATT Advanced Track & Trace  
BEL Computer Systems  
Computer Productivity Services Inc.  
Covectra Europe Ltd  
Creed Engineers (VINSAK)  
Crown Roll Leaf, Inc.  
Digital Print, Inc.  
Dima  
DOMINO  
Felins USA  
FLEXcon Company, Inc.  
Globe-Tek Corporation  
Graphi Mecc srl  
GSE Dispensing  
Holostik India Ltd  
Hunkeler AG  
ITD S.r.l  
Lake Image Systems Ltd  
Longford International Ltd  
Monotech Systems Ltd  
M, hlbauer GmbH & Co. KG  
Multifeeder Technology Inc  
Nikka Research Deutschland GmbH  
Pap'Argus  
Polyonics  
Prooftag  
Prototype & Production Systems, Inc./ DICE Graphic Technologies  
Rolling Optics  
Seal King  
Sixtrue Srl  
SoftSolutions, Inc.  
VanDerEng BV

#### Trade associations

AIMCAL  
FINAT  
Flexo Label Advantage Group LLC (FLAG)  
Flexographic Technical Association (FTA)/FLEXO Magazine  
Foil & Specialty Effects Association (FSEA)  
Italian Manufacturers Association for the Graphic, Converting and Paper Industry (ACIMGA)  
KVGO  
Labelexpo Global Series  
Tag and Label Manufacturers Institute  
UL LLC  
UNFEA  
VsK

#### Trade press

Aktuelle Papier-Rundschau Extra Wellpappe  
Cartiflex Envasse Flexible  
Flexographic Technical Association (FTA)/FLEXO Magazine  
Foil & Specialty Effects Association (FSEA)  
Labels & Labeling magazine  
Pap'Argus  
Ruttiman Trade AG  
Stampare  
Yeuell Nameplate & Label

#### Used and rebuilt presses

AAA Press International, Inc.  
FlexoExport Ltd  
Gallus Ferd. R, esch AG  
GB Flexo Equipment  
GIETZ AG  
Gonderflex International Inc

Graficon Maschinenbau AG  
Graphic Innovators Inc/ Lighthouse Consulting & Restoration Services  
GSM Graphic Supplies & Machinery Ltd  
HC Miller Press  
Holby Williams International  
J&J Converting Machinery  
Mark Andy  
Polygraphica Equipment Ltd  
Quality Discount Press Parts & Equipment  
Reel To Reel International Ltd  
Ruttiman Trade AG  
STOMA GmbH  
Styers Equipment Company

#### UV lamps and curing systems

AAA Press International, Inc.  
adphos Digital Printing GmbH  
Air Motion Systems  
Alpha-Cure Ltd  
American Ultraviolet  
Amica Systems (Europe) B.V.  
CGS Publishing Technologies, LLC  
DPL Industri A/S  
DPS Innovations LLC  
DR. FISCHER Group  
Dr. H'nle AG, UV Technology  
ebeam Technologies  
Eltosch Grafix GmbH  
Excelitas Technologies Corp.  
G Technologies Srl  
GB Flexo Equipment  
GEW (EC) Ltd  
Glunz & Jensen  
Hamamatsu Photonics  
Heraeus Noblelight GmbH  
Honle UV America  
IGT Testing Systems  
Integration Technology Ltd (ITL)  
IOT Innovative Oberflächentechnologien GmbH  
IST METZ GmbH  
Jelight Company Inc  
Kirk-Rudy, Inc.  
Kompac Technologies  
Lamp Tech  
Lipi Es trsa Bt  
m print morlock gmbh & co. kg  
PCT Engineered Systems LLC  
Phidastien International  
Phoseon Technology  
Prime UV Systems, Inc.  
PrintabLED  
PrintConcept UV-Systeme GmbH  
ProPhotonix  
R.C. Lamps S.n.c. / VTI  
Rotary Die Company Sp. z o.o.  
Ruttiman Trade AG  
Shun Zhe (Shanghai) Mechanical & Electrical Technology Co Ltd  
Toc Maquinas Industriales SA De CV  
U.V. Reflection  
Ultralight AG  
Ushio America  
UV Ray S.r.l  
uv-technik meyer gmbh  
Uviterno AG  
XDS Holdings, Inc.

#### VIP/thermal materials

3M Industrial Adhesives & Tapes  
Aluminium Feron GmbH & Co. KG  
Appvion, Inc.  
ARCONVERT S.p.A  
ARMOR  
Avatack Co Ltd  
Bostik SA  
C.I ARclad S.A.  
Cham Paper Group  
Channeled Resources Group  
Contract Converting, LLC  
Fangda Packaging Co., Ltd.(Hebei,China)  
Frimpeks A.S.  
Guangdong Guan hao High Tech Co Ltd  
Gulton Inc.  
H.S. Industries Co., Ltd  
Hanita Coatings  
Hansol Paper Co Ltd  
Herma GmbH  
Huzhou Siny Label material Co., Ltd  
Innovia Films  
Japan Pulp & Paper GmbH  
Jujo Thermal Ltd.  
Kanzaki Specialty Papers  
KANZAN Spezialpapiere GmbH  
LECTA  
LINTEC Corporation  
Mactac  
Mark Products Corp  
Matthias Paper Corporation  
Max Specialty Films Ltd  
Mitsubishi HiTec Paper  
MSM  
NASTar Inc.  
Nastificio di Cassano SpA  
National Paper Company  
PURE Labels (Elevate Packaging, Inc)  
Ricoh Industrie France  
Ritrama S.p.A.  
Rolling Optics  
SAScoat

Seibert - PFV  
Shanghai Jinda Plastic Co., Ltd.  
Sihi GmbH  
SMI Coated Products Pvt Ltd  
Technicote, Inc.  
TODAYTEC Thermal Transfer Ribbons  
Torraspapel SA (headquarters)  
Yenom Pte. Ltd.

#### Waste management and handling systems

Airtrim, Inc.  
Alltrade Recycling Equipment  
Andantex USA Inc  
Gerhard Bartling GmbH & Co KG  
Grafikontrol North America  
KTI - A Quantum Design Company  
Lundberg Tech A/S  
Matho GmbH  
Precision AirConvey Corp  
QuadTech Inc.  
SoftSolutions, Inc.

#### Web cleaning systems

Advanced Machinery NV  
Agfa Graphics  
Archem S.R.L  
Boussey Control Europe  
Erhardt + Leimer GmbH  
Jemmco, LLC  
KELVA  
Meech International  
New Eurografica SRL  
ORTHOTEC, WAN AN PRECISE MACHINERY  
WORKS CO., LTD.  
PolymagTek Inc.  
SDI  
Simco-Ion  
Spengler Electronic AG  
StopStatic.com division of Alpha Innovation

#### Web guiding and tension control

Accraply  
Advanced Machinery NV  
Andantex USA Inc  
BST eltromat International GmbH  
Coast Controls, Inc.  
Coating International / Rek & Thomas Medien AG  
CTC International, Inc.  
Dover Flexo Electronics, Inc.  
Erhardt + Leimer GmbH  
Fife-Tidland GmbH  
FMS USA, Inc.  
INOMETA GmbH  
KROENERT  
KTI - A Quantum Design Company  
MAGPOWER  
Martin Automatic Inc  
Maxcess International  
MBO America  
MEROBEL  
Onemach Industries CO.,PTE LTD  
Quality Discount Press Parts & Equipment  
Re S.p.a. Controlli Industriali  
Roll-2-Roll Technologies LLC  
Selectra Srl  
Tescan Print Inspection Systems  
Telstar Engineering Inc.  
Tidland  
Webex

#### Wraparound films

Beijing Yongshengyunjia Wrapping Materials Co Ltd  
BESEL  
GARWARE POLYESTER LTD.  
Globe-Tek Corporation  
Itochu Deutschland GmbH  
Jurmet Sp. z o.o. Sp.K.  
Leonardus S.r.l - Italy  
Manucor Spa  
Max Specialty Films Ltd  
Multi-Plastics, Inc.  
OKI Europe Ltd  
POLIBAK PLASTIK FILM SANAYI VE TICARET A.S.  
ROCHEUX INTERNATIONAL  
Sustanium  
Synthogra  
Taghleef Industries SpA  
Taizhou Newtech Film Co Ltd  
Tamerica Products, Inc.  
TGW International Inc.  
Treon America, Inc.  
Zhejiang Zhongjia Technology Co Ltd

# Supplier directory

**33ES Mega Elektromekanik**  
W: [www.3esmega.com](http://www.3esmega.com)

**3M Industrial Adhesives & Tapes**  
W: [www.3m.com/converter](http://www.3m.com/converter)

**AAA Press International, Inc.**  
W: [www.aapress.com](http://www.aapress.com)



**AB Graphic International Ltd**  
Lancaster Road, Carnaby Industrial Estate, Bridlington,  
East Yorkshire, YO15 3QY, United Kingdom  
T: (+44) 1262671138  
E: [info@abgint.com](mailto:info@abgint.com)  
W: [www.abgint.com](http://www.abgint.com)

■ Labels

• Coating-laminating machines • Digital converting equipment • Finishing equipment, slitters and rewinders • Hot foil machinery • Inspection equipment • Laser-cutting engraving systems • Screen printing equipment

**ABBA Roller**  
W: [www.abbarubber.com](http://www.abbarubber.com)

**Access Printing Solution** W: [www.accessprintingsolution.com](http://www.accessprintingsolution.com)

**Accraply**  
W: [www.accraply.com](http://www.accraply.com)

**ACHEM Industry America, Inc.**  
W: [www.achem-usa.com](http://www.achem-usa.com)



**acpo, ltd**  
8035 Lake Winds Drive, P.O. Box 418, Oak Harbor,  
OH, 43449, United States  
T: (+1) 4198984243  
E: [cs@acpo.com](mailto:cs@acpo.com)  
W: [www.acpo.com](http://www.acpo.com)  
Twitter: @acpolt

■ Labels ■ Flexible packaging

• Pressure-sensitive films • Pressure-sensitive tapes • Security materials

**ACTEGA North America**  
W: [www.actega.com](http://www.actega.com)



**Acucote**  
PO Box 538, Graham, NC, 27253, United States  
T: (+1) 8002282683  
E: [sales@acucote.com](mailto:sales@acucote.com)  
W: [www.acucote.com](http://www.acucote.com)

■ Labels

• Pressure-sensitive films • Pressure-sensitive papers • Security materials • Silicone release coatings

**Adhesive Technical Services Ltd**  
W: [www.adhtech.com](http://www.adhtech.com)

**Adolf Brodbeck Maschinenbau GmbH & Co. KG**  
W: [www.brodbeck.info](http://www.brodbeck.info)

**adphos Digital Printing GmbH**  
W: [www.adphos.de](http://www.adphos.de)

**Advanced Machinery NV**  
W: [www.advancedmachinery.be](http://www.advancedmachinery.be)

**AEBO Science Technology Co Ltd**  
W: [www.china-ttr.com/](http://www.china-ttr.com/)

**Afinia Label**  
W: [www.afinialabel.com](http://www.afinialabel.com)

**AG Foil s.r.o.**  
W: [www.agfoil.com](http://www.agfoil.com)

**Agfa Graphics**  
W: [agfagraphics.us](http://agfagraphics.us)

**AIMCAL**  
W: [www.aimcal.org](http://www.aimcal.org)

**Air and Water Systems, Inc.**  
W: [www.airandwatersystems.com](http://www.airandwatersystems.com)

**Air Motion Systems**  
W: [www.airmotionsystems.com](http://www.airmotionsystems.com)

**Airtrim, Inc.**  
W: [www.airtrim.com](http://www.airtrim.com)

**Aktuelle Papier-Rundschau Extra Wellpappe**  
W: [www.apr.de/](http://www.apr.de/)

**Alden & Ott Printing Inks**  
W: [www.aldenottink.com](http://www.aldenottink.com)

**All Printing Resources**  
W: [www.teamflexo.com](http://www.teamflexo.com)

**Allen Datagraph Systems, Inc.**  
W: [www.allendatagraph.com](http://www.allendatagraph.com)

**Allen Plastic Industries Co Ltd**  
W: [www.allenpack.com](http://www.allenpack.com)

**Alliance Printech Pvt Ltd**  
W: [www.allianceprintech.com](http://www.allianceprintech.com)

**Allison Systems Corporation**  
W: [www.allisonblades.com](http://www.allisonblades.com)

**Alltrade Recycling Equipment**  
W: [www.alltraderecycling.com](http://www.alltraderecycling.com)

**Alpha-Cure Ltd**  
W: [www.alpha-cure.com](http://www.alpha-cure.com)

## ALPHASONICS

**Alphasonics**  
18 Caddick Road, Knowsley Business Park South,  
Liverpool, Merseyside, L34 9HP, United Kingdom  
T: (+44) 1515473777  
E: [alphasonics@alphasonics.co.uk](mailto:alphasonics@alphasonics.co.uk)  
W: [www.alphasonics.co.uk](http://www.alphasonics.co.uk)  
Twitter: @alphasonicsucs

■ Labels ■ Flexible packaging ■ Folding cartons

• Anilox rolls • Anilox rolls-press cleaning systems • Prepress systems

**ALS Engineering GmbH**  
W: [www.als-engineering.net](http://www.als-engineering.net)

**Aluminium Feron GmbH & Co. KG**  
W: [www.feron.de](http://www.feron.de)

**AM-PG Group**  
W: [www.ampg.am](http://www.ampg.am)

**American Ultraviolet**  
W: [www.americanultraviolet.com](http://www.americanultraviolet.com)



**American Water Graphics, Inc.**  
W: [www.americanwatergraphics.com](http://www.americanwatergraphics.com)

**Amica Systems (Europe) B.V.**  
W: [www.amicasystems.com](http://www.amicasystems.com)

**Andantex USA Inc**  
W: [www.andantex.com](http://www.andantex.com)

**Anderson & Vreeland, Inc.**  
W: [www.andersonvreeland.com](http://www.andersonvreeland.com)



**Anderson Europe GmbH**  
Am Oberen Feld 5, Detmold, 32758, Germany  
T: +49 5231 966 30  
E: [sales@andersononeurope.com](mailto:sales@andersononeurope.com)  
W: [www.andersononeurope.com](http://www.andersononeurope.com)

Dies and tooling (rotary and flatbed) • Engraving machinery

**ANFEC**  
W: [www.anfec.com](http://www.anfec.com)

**Angstrom Technologies Inc**  
W: [www.angtech.com](http://www.angtech.com)

**Antalis International**  
W: [www.antalis.com](http://www.antalis.com)

**AP digitales**  
W: [www.apdigitales.com](http://www.apdigitales.com)

**Apex International**  
W: [www.apex-groupofcompanies.com](http://www.apex-groupofcompanies.com)

**API Foils**  
W: [www.apigroup.com](http://www.apigroup.com)

**Applied Laser Engineering Ltd.**  
W: [www.appliedlaser.co.uk](http://www.appliedlaser.co.uk)

**Applied Rigaku Technologies, Inc.**  
W: [www.rigakuedxrf.com](http://www.rigakuedxrf.com)



**Appvion, Inc.**  
825 E. Wisconsin Avenue, PO Box 359, Appleton, WI,  
54912-0359, United States  
T: (+1) 8009221729  
E: [thermal@appvion.com](mailto:thermal@appvion.com)  
W: [www.appvion.com/en-us/products/thermal/pages/label\\_and\\_polytherm.aspx](http://www.appvion.com/en-us/products/thermal/pages/label_and_polytherm.aspx)

■ Labels

• Label papers • Linerless and self-wound labels • Pressure-sensitive films • Pressure-sensitive papers • Track and trace solutions • VIP/thermal materials

**ARC International**  
W: [www.arcinternational.com](http://www.arcinternational.com)

**Archem S.R.L**  
W: [www.archem.it/](http://www.archem.it/)

**ARCONVERT S.p.A**  
W: [www.arconvert.com](http://www.arconvert.com)

**Arjobex/Polyart**  
W: [www.polyart.com](http://www.polyart.com)

**Arjowiggins**  
W: [www.arjowigginscreativepapers.com](http://www.arjowigginscreativepapers.com)



**ARMOR**  
20, Rue Chevreul, Nantes, 44000, France  
T: (+33) 240384000  
E: [contact.emea@armor-group.com](mailto:contact.emea@armor-group.com)  
W: [www.armor-tt.com](http://www.armor-tt.com)

■ Labels ■ Flexible packaging

• Barcode systems • Coding and marking • Hot stamping foils • Inks • Thermal transfer ribbons • VIP/thermal materials

**Asahi Photoproducts (Europe)**  
W: [www.asahi-photoproducts.com](http://www.asahi-photoproducts.com)

**Ashe Converting Equipment**  
W: [www.ashe.co.uk](http://www.ashe.co.uk)

**Ashland Inc.**  
W: [www.ashland.com](http://www.ashland.com)

**Astro-Med GmbH QuickLabel Systems**  
W: [www.quicklabel.de](http://www.quicklabel.de)

**Athena Graphics**  
W: [www.athena-graphics.be](http://www.athena-graphics.be)

**Atlas Die LLC**  
W: [www.atlasdie.com](http://www.atlasdie.com)

**ATT Advanced Track & Trace**  
W: [www.att-fr.com](http://www.att-fr.com)

**AV Flexologic**  
W: [www.flexologic.nl](http://www.flexologic.nl)

**Avatack Co Ltd**  
W: [www.avatackco.com](http://www.avatackco.com)



**Avery Dennison Label and Packaging Materials**  
8080 Norton Parkway, Mentor, OH, 44060, United States  
T: (+1) 4405346000  
E: [carolyn.polanski@averydennison.com](mailto:carolyn.polanski@averydennison.com)  
W: [www.label.averydennison.com](http://www.label.averydennison.com)  
Twitter: @adlabelleader

■ Labels ■ Flexible packaging

• Adhesives • Label papers • Pressure-sensitive films • Pressure-sensitive papers

**AVT**  
W: [www.avt-inc.com](http://www.avt-inc.com)

**Axicon Auto ID LLC**  
W: [www.axicon.net](http://www.axicon.net)

**AzCoat, Inc.**  
W: [www.azcoat.com](http://www.azcoat.com)

**AzTech Converting Systems**  
W: [www.aztechconverting.com](http://www.aztechconverting.com)

**B. Bunch Company, Inc.**  
W: [www.bbunch.com](http://www.bbunch.com)

**Bar Graphic Machinery Ltd**

Rhodes House, 6 Oxford Place, Bradford, West  
Yorkshire, BD3 0EF, United Kingdom  
T: (+44) 1274730981  
E: sales@bargraphic.com  
W: www.bargraphic.com  
Twitter: @bargraphic

■ Labels ■ Flexible packaging

• Adhesives • Cold foiling • Digital converting  
equipment • Finishing equipment, slitters and  
rewinders • Flexo presses • Inspection equipment

**BASCH GROUP (CHINA)**

W: www.basch.com.cn

**BE-MA Editrice Srl**

W: www.bema.it

**Beardow Adams, Inc.**

W: www.beardowadams.com

**Beijing Yongshengyunjia Wrapping Materials Co Ltd**

W: www.bjysyj.com/

**Beijing Zodngoc Automatic Technology co.,Ltd**

W: www.zodauto.com

**BEL Computer Systems**

W: www.bel.gr

**Bella Kagit**

Cihangir Mah. E-5 Yanyol No:305, Istanbul, Avcilar,  
Turkey  
T: (+90) 2124221776  
E: kubratutuncu@ilkaykagit.com  
W: www.ilkaykagit.com

■ Labels

• Adhesives • Inks • Label papers • Linerless and self-  
wound labels • Pressure-sensitive films • Pressure-  
sensitive papers • Pressure-sensitive tapes

**Ben Clements and Sons, Inc./Tach-It**

W: www.tach-it.com

**Berhalter AG**

W: www.berhalter.com

**Berra s.r.l**

W: www.berra.com

**BESEL**

W: www.beselfoil.com

**Beta Industries - The Quality Control Company**

W: www.betascreen.net

**bielomatik Leuze GmbH + Co. KG**

W: www.bielomatik.com

**Bitek Technology Inc. (anytron)**

W: www.anytron.net - www.bitekps.com

**Bluestar Silicones North America**

W: www.bluestarsilicones.com

**Blumer Maschinenbau AG**

W: www.blumerag.com

**Bobst**

W: www.gidue.com - www.bobst.com

**BOGRAMA AG**

W: www.bograma.ch

**Boise Paper**

W: www.boisepaper.com

**Bonset America Corporation**

W: www.bonset.com

**Bostik SA**

W: www.bostik.com

**Boussey Control Europe**

W: www.boussey-control.com/en

**Braden Sutphin Ink**

W: www.bsink.com

**Bradley Systems**

W: www.bradley-systems.com

**Brenna Srl**

W: www.brennasrl.it

**Brotech Graphics Co., Ltd**

W: www.bro-tech.net

**BST eltromat International GmbH**

Heidsieker Heide 53, Bielefeld, 33739, Germany  
T: (+49) 052069990  
E: info@bst-international.com  
W: www.bst-international.com

■ Labels ■ Flexible packaging

Color management and control • Color proofing  
equipment • Drive and control systems • Inspection  
equipment • Splicing equipment • Web guiding and  
tension control

**Budaval AG**

W: www.budaval.hu

**BW Bielomatik**

W: www.bwpapersystems.com

**C.I ARclad S.A.**

W: www.arclad.com

**cab Produkttechnik GmbH & Co KG**

W: www.cab.de

**Calor GmbH**

W: www.calor.de

**Camelot Papers Inc**

W: www.camelotpaper.com

**Carl Ostermann Erben GmbH (COE)**

W: www.coe-bremen.de

**Carlo Tagliabue**

W: www.tagliabuecarlo.it

**Cartes S.r.l.**

2, via Michelangelo, Moglia, Mantova, 46024, Italy  
T: (+39) 0376511511  
E: info@cartes.it  
W: www.cartes.it  
Twitter: @cartes\_it

■ Labels

• Cutting/stamping machines • Digital converting  
equipment • Hot foil machinery • Laser-cutting  
engraving systems • Screen printing equipment

**Cartiflex Envasse Flexible**

W: www.alabrent.com

**Catalyst Paper**

W: www.catalystpaper.com

**Catbridge Machinery**

W: www.catbridge.com

**CC1, INC**

W: www.cc1inc.com

**Celestik Inc**

W: www.celestik.com



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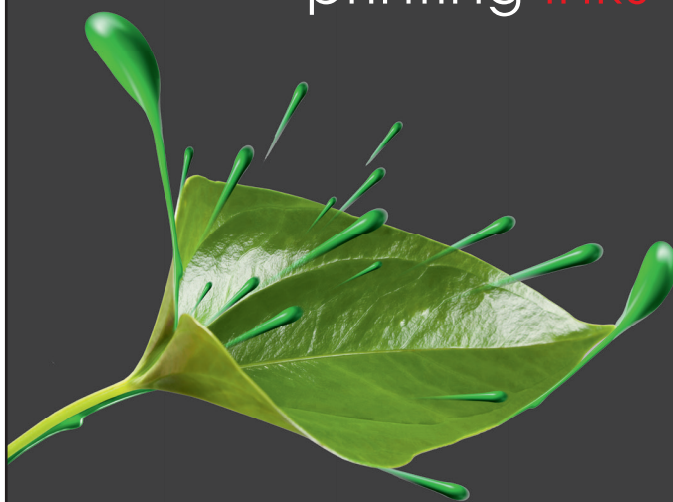


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www.ruco-inks.com



**Cerm Business Management Software**

Siemenslaan 17, Oostkamp, Brugge, 8020, Belgium  
**T:** (+32) 050833883  
**E:** peter.dhondt@cerm.be  
**W:** www.cerm.be

■ Labels ■ Flexible packaging

• Digital presses • MIS software

**CGS Publishing Technologies, LLC**

**W:** www.cgsusa.com

**Cham Paper Group**

**W:** www.champaper.com

**Channeled Resources Group**

**W:** www.channeledresources.com

**ChemInstruments**

**W:** www.cheminstruments.com

**Cheshire Anilox Technology Ltd**

**W:** www.cheshireanilox.co.uk

**CHILI Publish**

**W:** www.chili-publish.com

**CMC Klebetechnik GmbH**

**W:** www.cmc.de

**Coast Controls, Inc.**

**W:** www.coastcontrols.com

**Coating International / Rek & Thomas Medien AG**

**W:** www.coating.ch

**Codimag**

**W:** www.codimag.fr

**Collano Adhesives AG**

**W:** www.collano.com

**Collins Inkjet Corporation**

**W:** www.collinsinkjet.com

**Color-Dec Italy**

**W:** www.color-dec.it

**Colordyne Technologies, LLC**

3275 Intertech Drive, Suite 100, Brookfield, WI,  
 53045, United States  
**T:** (+1) 2627841932  
**E:** sales@colordynetech.com  
**W:** www.colordynetech.com  
**Twitter:** @colordynetech

■ Labels

• Barcode systems • Desktop printers • Digital  
 converting equipment • Digital presses • Finishing  
 equipment, slitters and rewinders

**Colorgen**

**W:** www.colorgen.com

**Colorgraf SpA**

**W:** www.colorgraf.it

**Comercial Arqué, S.A.**

Carretera Del Mig 54, Barcelona, L'Hospitalet de  
 Llobregat, 8907, Spain  
**T:** (+34) 932615300  
**E:** jmacanas@arque.com  
**W:** www.arque.com

■ Labels

• Cutting/stamping machines • Fabric label materials  
 • Insertion/onsertion systems • Radio Frequency  
 Identification (RFID) • Thermal transfer ribbons

**Complete Inspection Systems Inc.**

**W:** www.completeinspectionssystems.com

**COMPONEX INC**

**W:** www.componex.net

**Computer Productivity Services Inc.**

**W:** www.cpsinc.ca

**ContiTech Elastomer Coatings**

**W:** www.conti-laserline.com

**Contract Converting, LLC**

**W:** www.contractconverting.com

**Controls Engineering**

**W:** www.stretchfilmbander.com

**Conversource Inc.**

**W:** www.conversource.com

**Convertech Equipment Pvt Ltd**

**W:** www.convertechblades.com

**Converting Equipment International Inc**

**W:** www.slitandrewind.com

**Covectra Europe Ltd**

**W:** www.covectra.com

**CRC Information Systems, Inc.**

**W:** www.crcinfosys.com

**Creative Edge Software**

**W:** www.creativeedgesoftware.com

**Creed Engineers (VINSAK)**

**W:** www.vinsak.com

**Cron Europe GmbH**

**W:** www.cron.com.cn

**CRON-ECRM LLC**

**W:** cron-ecrm.com

**Crown Roll Leaf, Inc.**

**W:** www.crownrollleaf.com

**Crown Van Gelder B.V.**

**W:** www.cvg.nl

**CT Graphic Arts**

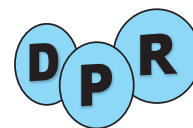
**W:** www.ctgraphicarts.com

**CTC International, Inc.**

**W:** www.ctcint.com

**CTS Industries**

**W:** www.ctsindustries.com

**D.P.R. S.r.L.**

Via Marisa Bellisario 8C, Barlassina, MB, 20825, Italy  
**T:** (+39) 0362542939  
**E:** info@dpr-srl.it  
**W:** www.dpr-srl.it  
**Twitter:** @dpr\_srl

■ Labels ■ Flexible packaging

• Digital converting equipment • Digital presses •  
 Engraving machinery • Finishing equipment, slitters  
 and rewinders • Label dispensers • Laser-cutting  
 engraving systems

**D&K Coating Technologies, Inc**

**W:** www.dkcoatingtechnologies.com

**Da Shen Printing Machine Co Ltd**

**W:** www.dashenprintingmachines.com/



**Daco Solutions Ltd**

Unit 2, Oldbeck Road, Beverley, East Yorkshire, HU17 0JW, United Kingdom  
 T: (+44) 1482860288  
 E: sales@daco-solutions.com  
 W: www.daco-solutions.com  
 Twitter: @dacosolutions

## ■ Labels

• Booklet processing systems • Cutting/stamping machines • Digital converting equipment • Digital presses • Finishing equipment, slitters and rewinders • Roll handling equipment

**Daetwyler SwissTec AG (Print)**

W: www.daetwyler.com/swisstec

**DALIM SOFTWARE GmbH**

W: www.dalim.com

**Dantex**

Danon House, 5 Kings Road, Bradford, West Yorkshire, BD2 1EY, United Kingdom  
 T: (+44) 1274777777  
 E: info@dantex.com  
 W: www.dantex.com  
 Twitter: @dantexglobal

## ■ Labels ■ Flexible packaging ■ Folding cartons

• Anilox rolls • Color proofing equipment • Digital presses • Finishing equipment, slitters and rewinders • Plates and platemaking equipment • Prepress systems • Sleeve systems

**Davis-Standard, LLC**

W: www.davis-standard.com

**DCM USIMECA**

W: www.dcm.fr

**De Rossi Vittoriano S.r.l.**

W: www.derossivittoriano.it

**Deacro Industries Ltd.**

W: www.deacro.com

**Decosystem SRL**

W: www.decosystem.com

**Delfortgroup AG**

Fabrikstrasse 20, Traun, 4050, Austria  
**Dunafin Kft.** Papírgyári út. 42-46, 2400 Dunaújváros, Hungary  
**Tervakoski Oy,** Vähikkäläntie 1, 12400 Tervakoski, Finland  
 T: +36-25-511555  
 E: releasebasepapers@delfortgroup.com  
 W: www.delfortgroup.com

## ■ Labels

• Label papers • Pressure-sensitive papers • Release liners

**Delta ModTech**

11501 Eagle St. NW, Minneapolis, MN, 55448-3062, United States  
 T: (+1) 7637557744  
 E: contact@deltamodtech.com  
 W: www.deltamodtech.com  
 Twitter: @deltamodtech

## ■ Labels ■ Flexible packaging ■ Folding cartons

Coating-laminating machines • Cutting/stamping machines • Digital converting equipment • Finishing equipment, slitters and rewinders • Laser-cutting engraving systems • Semi-rotary presses

**Demak America Inc.**

W: www.demakamerica.com

**DIAVY SRL**

Via A. Vivaldi, 108, Soliera (MO), Soliera, 41019, Italy  
 T: (+39) 059565865  
 E: a.pastorelli@diavysrl.it  
 W: www.diavysrl.com

## ■ Labels

• Coating-laminating machines • Cold foiling • Hologram equipment • Holograms-OVDs (optically variable devices) • Hot foil machinery • Hot stamping foils • Hot stamping-embossing cylinders

**Diehard Dies Pvt Ltd**

W: www.dieharddies.com

**Dienes Corporation**

W: www.dienesusa.com

**DigiFlex Ltd**

W: www.digiflex-print.com

**Digital Print, Inc.**

W: www.digitalprint.com

**DILLI**

W: www.dilli.co.kr

**Dima**

W: www.dimasimma.com

**DIP Co.**

W: www.dipworldwide.com

**Discount Labels**

W: www.discountlabels.com

**Dispensa-Matic Label Dispensers**

W: www.dispensamatic.com

**DMS, INC.**

W: www.dmsdies.com

**DNP Imagingcomm America Corporation**

W: am.dnpribbons.com

**DOMINO**

1290 Lakeside Drive, Gurnee, IL, 60031, United States  
 T: (+1) 8472442501  
 E: bill.myers@domino-na.com  
 W: www.dominodigitalprinting.com

## ■ Labels ■ Flexible packaging ■ Folding cartons

• Barcode systems • Coding and marking • Cold foiling • Digital presses • Track and trace solutions

**Domino Printing Sciences**

Bar Hill, Cambridge, Cambridgeshire, CB23 8TU, UK  
 T: (+44) 1954782551  
 E: enquiries@domino-uk.com  
 W: www.domino-printing.com  
 Twitter: @domino\_digital

## ■ Labels ■ Flexible packaging ■ Folding cartons

• Barcode systems • Coding and marking • Cold foiling • Digital presses • Label overprinters and print-apply systems

**DONGGUAN CO-MO ADHESIVES CO., LTD.**

W: www.cheng-ming.com

**Dongguan Wangli Adhesive Technology**

W: www.lxz999.com

**Dover Flexo Electronics, Inc.**

W: www.dfe.com

**Dow Corning Corporation**  
W: [www.dowcorning.com/psi](http://www.dowcorning.com/psi)

**DPL Industri A/S**  
W: [www.dpl.dk](http://www.dpl.dk)

**DPS Innovations LLC**  
W: [www.dps-innovations.com](http://www.dps-innovations.com)

**DR. FISCHER Group**  
W: [www.dr-fischer-group.com](http://www.dr-fischer-group.com)



**Dr. Hönle AG, UV Technology**  
Lochhamer Schlag 1, Gräfelfing, 82166, Germany  
T: (+49) 089856080  
E: [uv@hoenle.de](mailto:uv@hoenle.de)  
W: [www.hoenle.com](http://www.hoenle.com)

■ Labels ■ Flexible packaging ■ Folding cartons

• Hot air and IR drying systems • Industry service suppliers • Test equipment • UV lamps and curing systems

**DRAABE Humidification**  
W: [www.draabe.com](http://www.draabe.com)

**Dragon Foils Limited**  
W: [www.dragonfoils.com/](http://www.dragonfoils.com/)

**Dropjet Makina Kimya San. Ltd. Sti.**  
W: [www.dropjet.com](http://www.dropjet.com)

**Drytac**  
W: [drytacoating.com/](http://drytacoating.com/)

**Dunafin Kft.**  
W: [www.delfortgroup.com](http://www.delfortgroup.com)

**Dunmore**  
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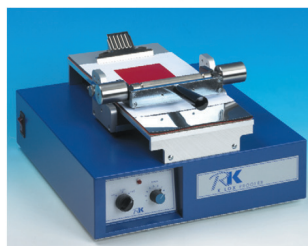
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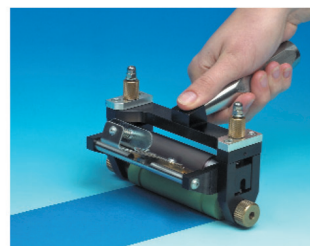
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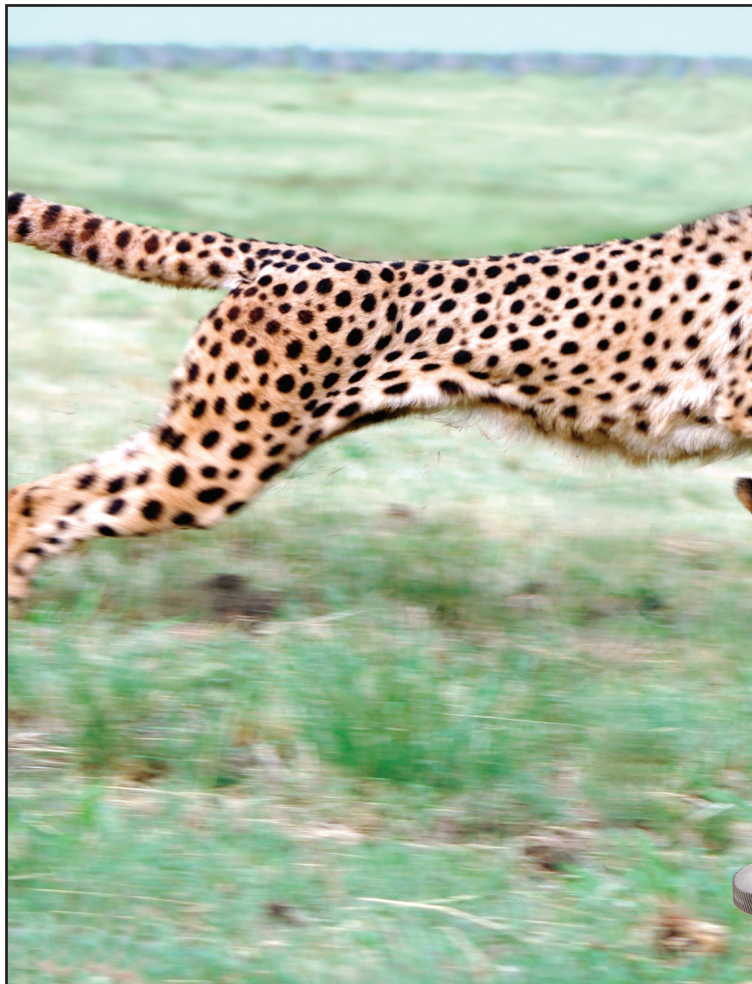
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• Coding and marking • Inks • Security inks-varnishes  
• Thermal transfer ribbons

**Imada Inc**  
W: [www.imada.com](http://www.imada.com)

**IMASS**  
W: [www.imass.com](http://www.imass.com)

**Impression Technology Europe**  
W: [www.impressiontechnologyeurope.com](http://www.impressiontechnologyeurope.com)

**IN-CORE SYSTEMES**  
W: [www.incore-systemes.com/](http://www.incore-systemes.com/)

**Industrial Inkjet Ltd**  
Unit 3, Meridian, Buckingham Business Park,  
Swavesey, Cambridgeshire, CB24 4AE, United Kingdom

T: +44 (0) 1954 232 023  
E: [sales@industrialij.com](mailto:sales@industrialij.com)  
W: [www.industrialij.com](http://www.industrialij.com)

■ Labels ■ Flexible packaging ■ Folding cartons

• Digital presses • Flexo presses • Ink control-dispensing systems • Inks • Security inks-varnishes

**Infinity Foils, Inc- UEI Group Company**  
W: [www.infinityfoils.com](http://www.infinityfoils.com)

**Infinity Tapes**  
W: [www.infinitytapes.com](http://www.infinitytapes.com)

**Infopack**  
W: [www.infopack.es](http://www.infopack.es)

**Inglese S.r.l**  
W: [www.inglese srl.com](http://www.inglese srl.com)



**Inkjet Solutions Limited**  
13 Holkham Road, Orton Southgate, Peterborough,  
Cambs, PE2 6TE, United Kingdom  
T: (+44) 1733235533  
E: [info@inkjetsolutions.co.uk](mailto:info@inkjetsolutions.co.uk)  
W: [www.inkjetsolutions.co.uk/](http://www.inkjetsolutions.co.uk/)

■ Labels ■ Flexible packaging

• Barcode systems • Coding and marking • Desktop printers • Digital presses • Ink control-dispensing systems • Label overprinters and print-apply systems

**Inkstar Office Appliance Factory of Tianjin**  
W: [www.inkstar.cn](http://www.inkstar.cn)

**Innovia Films**  
W: [www.innoviafilms.com](http://www.innoviafilms.com)

**INOMETA GmbH**  
W: [www.inometa.de](http://www.inometa.de)

**Integration Technology Ltd (ITL)**  
W: [www.uvintegration.com](http://www.uvintegration.com)

**Intercoat**  
W: [www.intercoat.de](http://www.intercoat.de)

**Interflex Laser Engravers**  
W: [www.laserengrave.com](http://www.laserengrave.com)

**International Financial Services**  
W: [www.ifsc.com](http://www.ifsc.com)

**INX International Ink Co.**  
W: [www.inxinternational.com](http://www.inxinternational.com)

**IOT Innovative Oberflächentechnologien GmbH**  
W: [www.iot-gmbh.de](http://www.iot-gmbh.de)

**IPT Digital LLC**  
W: [www.iptdigital.net](http://www.iptdigital.net)

**ISRA Vision Parsytec**  
W: [www.isravision.com](http://www.isravision.com)



**IST METZ GmbH**  
Lauterstrasse 14-18, Nuertingen, D-72622, Germany  
T: (+49) 702260020  
E: [info@ist-uv.com](mailto:info@ist-uv.com)  
W: [www.ist-uv.com](http://www.ist-uv.com)

■ Labels ■ Flexible packaging ■ Folding cartons

• Hot air and IR drying systems • UV lamps and curing systems

**iSys Label**  
W: [www.isys-label.com](http://www.isys-label.com)

**Italian Manufacturers Association for the Graphic, Converting and Paper Industry (ACIMGA)**  
W: [www.acimga.it/en](http://www.acimga.it/en)

**Italnastri S.p.A**  
W: [www.italnastri.it](http://www.italnastri.it)

**Italstick Self Adhesive Materials & Coatings**  
W: [www.italstick.com](http://www.italstick.com)

**ITASA**  
W: [www.itasa.es](http://www.itasa.es)

**ITD S.r.l**  
W: [www.textil.it](http://www.textil.it)

**Itochu Deutschland GmbH**  
W: [www.labelexpo-europe.com/www.itochu.com%20%20%20%20www.bonset.com](http://www.labelexpo-europe.com/www.itochu.com%20%20%20%20www.bonset.com)

**ITW Dynatec GmbH**  
W: [www.itwdynatec.com](http://www.itwdynatec.com)

**ITW Foils**  
W: [www.itwfoils.com](http://www.itwfoils.com)

**ITW Thermal Films**  
W: [www.itwthermalfilms.com](http://www.itwthermalfilms.com)

**Iwasaki International Inc.**  
W: [www.itk-iii.co.jp](http://www.itk-iii.co.jp)

**Iwatsu Electric Co Ltd**  
W:

**J&J Converting Machinery**  
W: [www.jjconvertingmachinery.com](http://www.jjconvertingmachinery.com)

**Jänecke+Schneemann Druckfarben GmbH**  
W: [www.js-druckfarben.de](http://www.js-druckfarben.de)

**Jalema Filing Systems**  
W: [www.graphicartsfiling.com](http://www.graphicartsfiling.com)

**Japan Pulp & Paper GmbH**  
W: [www.jpdpd.de](http://www.jpdpd.de)

**Jelight Company Inc**  
W: [www.jelight.com](http://www.jelight.com)

**Jemmco, LLC**  
W: [www.jemmco.com](http://www.jemmco.com)

**Jet USA Corporation**  
W: [www.jetusa.com](http://www.jetusa.com)

**Jiaozuo Zhuorim Digital Material Co Ltd**  
W: [www.zhuorim.com](http://www.zhuorim.com)



**Jindal Films Americas**  
W: [www.jindalfilms.com](http://www.jindalfilms.com)

**JM Heaford Ltd**  
W: [www.jmheaford.com](http://www.jmheaford.com)



**Jujo Thermal Ltd.**  
PO Box 92, Kauttua, FI-27501, Finland  
T: (+358) 01030300  
E: [jujosales@jujothermal.com](mailto:jujosales@jujothermal.com)  
W: [www.jujothermal.com](http://www.jujothermal.com)

■ Labels

Label papers • VIP/thermal materials

**Jurmet Sp. z.o.o. Sp.K.**  
W: [www.jurmet.com.pl](http://www.jurmet.com.pl)

**JUST Normlicht GmbH**  
W: [www.just-normlicht.de](http://www.just-normlicht.de)

**JV Imaging Solutions, Inc**  
W: [www.jvis-flexo.com](http://www.jvis-flexo.com)

**K Laser Technology (USA) Co., Ltd.**  
W: [www.coldfoil.com](http://www.coldfoil.com)

**Kanzaki Specialty Papers**  
W: [www.kanzakiusa.com](http://www.kanzakiusa.com)

**KANZAN Spezialpapiere GmbH**  
W: [www.kanzan.de](http://www.kanzan.de)

**Karlville Development LLC**  
W: [www.karlville.com](http://www.karlville.com)

**Kasha Ribbon**  
W: [www.kasha.com.tr](http://www.kasha.com.tr)

**KBA-MePrint AG**  
W: [www.kba-meprint.com](http://www.kba-meprint.com)

**Keco Coatings**  
W: [www.kecocoatings.com](http://www.kecocoatings.com)

**KELVA**  
W: [www.kelva.com](http://www.kelva.com)

**KETT US**  
W: [www.kett.com](http://www.kett.com)

**Key2Print sp z.o.o.**  
W: [www.key2print.com/](http://www.key2print.com/)

**King Label Adhesive Products Co., Ltd**  
W: [www.kinglabel.com](http://www.kinglabel.com)

**Kirk-Rudy, Inc.**  
W: [www.kirkrudy.com](http://www.kirkrudy.com)

**Klöckner Pentaplast**  
W: [www.kpfilms.com](http://www.kpfilms.com)

**Klear Plastic Ventures, LLC**  
W: [www.klearplasticventures.com](http://www.klearplasticventures.com)

**Koan Hao Technology Co., Ltd**  
W: [www.koanhao.com](http://www.koanhao.com)



**Kocher + Beck GmbH +Co**  
Dieselstrasse 6Pliezhausen, 72124, Germany  
T: (+49) 71279785703  
E: [sales@kocher-beck.com](mailto:sales@kocher-beck.com)  
W: [www.kocher-beck.com](http://www.kocher-beck.com)

■ Labels ■ Flexible packaging

• Cutting/stamping machines • Cylinders, printing and magnetic • Dies and tooling (rotary and flatbed) • Hot stamping-embossing cylinders

**Kodak**  
W: [www.kodak.com/go/flexcelnx](http://www.kodak.com/go/flexcelnx)

**Kompac Technologies**  
W: [www.kompactech.com](http://www.kompactech.com)

**Konica Minolta Business Solution U.S.A. Inc.**  
W: [www.kmbs.konicaminolta.us](http://www.kmbs.konicaminolta.us)

**KOR Engineering Inc.**  
W: [www.kormachinery.com](http://www.kormachinery.com)

**Kor-Chem, Graphic Arts Division**  
W: [www.kor-chem.com](http://www.kor-chem.com)

**KPG (Europe) Limited**  
W: [www.kpgeurope.com](http://www.kpgeurope.com)

**KROENERT**  
W: [www.kroenert.com](http://www.kroenert.com)

**KTI- A Quantum Design Company**  
W: [www.ktiusa.com](http://www.ktiusa.com)

**Kumar Labels**  
W: [www.kumarlabels.com](http://www.kumarlabels.com)

**Kunshan Formula Coating Technology Co., Ltd.**  
W: [www.formulacoating.com](http://www.formulacoating.com)

**KURZ, LEONHARD, Stiftung & Co. KG**  
W: [www.kurz.de](http://www.kurz.de)

**KVGO**  
W: [www.labelexpo-europe.com/www.kvgo.n](http://www.labelexpo-europe.com/www.kvgo.n)

**L C Trade**  
W: [www.lctrade.france.com](http://www.lctrade.france.com)

**LABEL  
ACADEMY**

**Label Academy**  
Metro Building, 1 Butterwick, London, W6 8DL, United Kingdom  
T: (+44) 2088462700  
E: [support@label-academy.com](mailto:support@label-academy.com)  
W: [www.label-academy.com](http://www.label-academy.com)

■ Labels ■ Flexible packaging ■ Folding cartons

**Label Pack**  
W: [www.labelsandlabeling.com/www.labelpack.lat](http://www.labelsandlabeling.com/www.labelpack.lat)

**Label Traxx**  
W: [www.labeltraxx.com](http://www.labeltraxx.com)



**LABELEXPO  
GLOBAL SERIES**

**Labelexpo Global Series**  
Metro Building, 1 Butterwick, London, W6 8DL, United Kingdom  
T: (+44) 2088462700  
E: [sales@labelexpo.com](mailto:sales@labelexpo.com)  
W: [www.labelexpo.com](http://www.labelexpo.com)  
Twitter: @labelexpo

■ Labels ■ Flexible packaging ■ Folding cartons

Trade associations

**Labelmate LLC.**  
W: [www.labelmate.com/europe](http://www.labelmate.com/europe)



**Labelmen Machinery Co. Ltd**  
No. 9, Tin-Hu 3rd St., Kuei Shan District, Tao-Yuan City, 333, Taiwan  
T: (+886) 33183939  
E: [webmaster@labelmen.com](mailto:webmaster@labelmen.com)  
W: [www.labelmen.com](http://www.labelmen.com)

■ Labels

• Letterpress presses • Offset presses • Thermal transfer ribbons

# LABELS & LABELING

## Labels & Labeling magazine

Metro Building, 1 Butterwick, London, W6 8DL, United Kingdom  
T: (+44) 2088462700  
E: sales@labelsandlabeling.com  
W: www.labelsandlabeling.com  
Twitter: @labelsnlabeling

■ Labels ■ Flexible packaging ■ Folding cartons

Trade press



## Labeltech

via per Turbigo 17, Castano Primo, Milano, 20022, Italy  
T: (+39) 0331882289  
E: info@labeltech.it  
W: www.labeltech.it  
Twitter: @labeltech\_sas

■ Labels

• Digital converting equipment • Finishing equipment, slitters and rewinders • Inspection equipment • Roll handling equipment

## Lake Image Systems Ltd

W: www.lakeimage.com

## Lamp Tech

W: www.lamp-tech.com

## Lana Papier Spéciaux Il

W: www.lanapapier.fr

## LARTEC - Flexible Dies

W: www.lartec.com.es

## Laser Art Studio Ltd.

W: www.laser-art.com

## Laser Eco Clean

W: www.laserecclean.de

## LasX Industries, Inc.

W: www.lasx.com

## LECTA

W: www.torraspapel.com

## Lederle Machine Company

W: www.lederle.com

## Lemmaco Kft

W: www.lemmaco.com

## Lemorau

W: www.lemorau.com

## Lemu Talleres SA

W: www.lemu.es

## Leonardus S.r.l - Italy

W: www.leonardus.it

## Link Label Machinery Co Ltd

W: www.linklabel.com

## LINTEC Corporation

W: www.lintec-global.com/

## Lipi és társa Bt

W: www.labelsandlabeling.com/lipi.tech/

## Lombardi Converting Machinery Srl

W: www.lombardi.it

## Longford International Ltd

W: www.longfordint.com



## LTHD

70 Ardealului Str., Timisoara, Timis, 300153, Romania  
T: (+40) 256201273  
E: lthd@lthd.com  
W: www.lthd.com

• Digital converting equipment • Industry service suppliers • Label papers

## Lucky Huaguang Graphics Co Ltd

W: www.hgfilm.com.cn

## Luminescence International Ltd

W: www.luminescence.co.uk

## Luminite Products Corp.

W: www.luminite.com

## Lundberg Tech A/S

W: www.lundbergtech.com

## LUSTER LightTech (Beijing) Co. Ltd.

W: www.lusterinc.com

## Luxul FZC

W: www.luxulfzc.com

## m print morlock gmbh & co. kg

W: www.mprint.de

## Mühlbauer GmbH & Co. KG

W: www.muehlbauer.de

## Maan Engineering BV

W: www.maangroup.nl/innovations/inlinerless/?lang=en

## MacDermid Printing Solutions

W: www.macdermid.com/printing

## Mactac

W: www.mactac.com/rolllabel

## Magnum Inks & Coatings

W: www.magnuminks.com

## MAGPOWR

W: www.maxcessintl.com

## Mahlo America Inc.

W: www.mahloamerica.com

## Manucor Spa

W: www.manucor.com

## Marabu GmbH & Co. KG

W: www.marabu-inks.com

## Mark Andy

W: www.markandy.com

## Mark Products Corp

W: www.mpc800.com

## Markem-Imaje CSAT GmbH

W: csat.markem-imaje.com

## marks-3zet GmbH & Co. KG

W: www.marks-3zet.de

## Martignoni Elettrotecnica Srl

W: www.martignoni-srl.com

## Martin Automatic Inc

W: www.martinautomatic.com

## Mastercorp Group

W: www.mastercorp.com.br

## Matho GmbH

W: www.matho.com

## Matik, Inc.

W: www.matik.com

## Matsui International

W:

## Matthias Paper Corporation

W: www.matthiaspaper.com

## Max Daetwyler Corporation

W: www.daetwyler-usa.com



**MAX International Converters Inc**  
W: [www.maxstick.com](http://www.maxstick.com)

**Max Speciality Films Ltd**  
W: [www.maxspecialityfilms.com](http://www.maxspecialityfilms.com)

**Maxcess International**  
W: [www.maxcessintl.com](http://www.maxcessintl.com)

**MBO America**  
W: [www.mboamerica.com](http://www.mboamerica.com)

**MCS, Inc.**  
W: [www.mcsp.com](http://www.mcsp.com)

**MDV GmbH**  
W: [www.mdv-group.com](http://www.mdv-group.com)

**Meccanica Maggiore**  
W: [www.mmaggiore.it](http://www.mmaggiore.it)

**Meech International**  
W: [www.meech.com](http://www.meech.com)

**MELZER®**

**MELZER maschinenbau GmbH**  
Ruhrstr. 51-55, Schwelm, 58332, Germany  
T: (+49) 2336929280  
E: [sales@melzergmbh.com](mailto:sales@melzergmbh.com)  
W: [www.melzergmbh.com](http://www.melzergmbh.com)

■ Labels

• Cutting/stamping machines • Fabric label presses  
• Finishing equipment, slitters and rewinders •  
Insertion/onsertion systems • Radio Frequency  
Identification (RFID)

**Memjet Labels**  
W: [www.memjet.com](http://www.memjet.com)

**MEROBEL**

**MEROBEL**  
Zone Industrielle, Ferrieres, 45210, France  
T: (+33) 238944200  
E: [merobel@merobel.com](mailto:merobel@merobel.com)  
W: [www.merobel.com](http://www.merobel.com)

■ Labels

• Drive and control systems • Web guiding and  
tension control

**MGI**  
W: [www.mgi-fr.com](http://www.mgi-fr.com)

**Michelman**  
W: [www.michelman.com/printing-%26-packaging/](http://www.michelman.com/printing-%26-packaging/)

**Microplex**  
W: [www.microplex-usa.com](http://www.microplex-usa.com)

**Microscan Systems, Inc**  
W: [www.microscan.com](http://www.microscan.com)

**Mid American Rubber**  
W: [www.midamericanrubber.com](http://www.midamericanrubber.com)

**Mida Maquinaria**  
W: [www.midamaquinaria.com](http://www.midamaquinaria.com)

**Midway Rotary Die Solutions**  
W: [www.midwayrotary.com](http://www.midwayrotary.com)

**MIIP**  
W: [www.miip.ca](http://www.miip.ca)

**Mimaki Europe BV**  
W: [www.mimakieurope.com](http://www.mimakieurope.com)

**Minus Nine Technologies**  
W: [www.minus9.com](http://www.minus9.com)

**Mirage Inks Ltd**  
W: [www.mirageinks.com](http://www.mirageinks.com)



**Mitsubishi HiTec Paper**  
Niedernholz 23, Bielefeld, 33699, Germany  
T: (+49) 52120910  
E: [info.mpe@mitsubishi-paper.com](mailto:info.mpe@mitsubishi-paper.com)  
W: [www.mitsubishi-paper.com](http://www.mitsubishi-paper.com)

■ Labels

• Card and board materials • Label papers • Linerless  
and self-wound labels • Pressure-sensitive papers •  
Security materials • VIP/thermal materials

**Miyakoshi Printing Machinery, Co. Ltd.**  
W: [www.miyakoshi.co.jp](http://www.miyakoshi.co.jp)

**MoistTech Corp.**  
W: [www.moisttech.com](http://www.moisttech.com)

**Momentive Performance Materials**  
W: [www.momentive.com](http://www.momentive.com)

**Mona Equipments**  
W: [www.monaequipments.com](http://www.monaequipments.com)

**Mondi Akrosil, LLC**  
W: [www.mondigroup.com](http://www.mondigroup.com)

**Mondi Consumer Packaging GmbH**  
W: [www.mondigroup.com](http://www.mondigroup.com)

**Monotech Systems Ltd**  
W: [www.monotech.in](http://www.monotech.in)

**MPI Release**  
W: [www.mpirelease.com](http://www.mpirelease.com)



## PRINTING PRODUCTIVITY

**MPS Systems B.V.**  
Delta 100, 6825 MV Arnhem, PO Box 3152, 6802  
DD Arnhem, Arnhem, 6802, Netherlands  
T: (+31) 267601538  
E: [i.brinkman@mps4u.com](mailto:i.brinkman@mps4u.com)  
W: [www.mps4u.com](http://www.mps4u.com)  
Twitter: @mpssystemsbv

■ Labels ■ Flexible packaging

• Cold foiling • Digital converting equipment • Digital  
presses • Flexo presses • Offset presses • Screen  
printing equipment

**MSM**  
W: [www.msm-paper.co.uk](http://www.msm-paper.co.uk)

**Multi-Plastics, Inc.**  
W: [www.multi-plastics.com](http://www.multi-plastics.com)

**Multifeeder Technology Inc**  
W: [www.multifeeder.com](http://www.multifeeder.com)

**Multitec Aids Pvt Ltd**  
W: [www.multitec.in](http://www.multitec.in)

**Munksjö**  
W: [www.munksjo.com](http://www.munksjo.com)

**Mutoh Belgium n.v.**  
W: [www.mutoh.eu](http://www.mutoh.eu)

**Nagel Paper**  
W: [www.nagelpaper.com](http://www.nagelpaper.com)

**Nakata USA**  
W: [itro-usa.com](http://itro-usa.com)

**Nanovis GmbH**  
W: [www.nanovis.ch](http://www.nanovis.ch)

**NAStar Inc.**  
W: [www.nastar-inc.com](http://www.nastar-inc.com)

**Nastrificio di Cassano SpA**  
W: [www.nastrificiodicassano.com](http://www.nastrificiodicassano.com)

**National Paper Company**  
W: [www.nationalpapercompany.com](http://www.nationalpapercompany.com)

**Natural Ink**  
W: [www.naturalink.com.mx](http://www.naturalink.com.mx)

**Nazdar Ink Technologies**  
W: [www.nazdar.com](http://www.nazdar.com)

**NDC Spray Coating System Fabricating Co., Ltd.**  
W: [www.ndccn.com](http://www.ndccn.com)

**NEPATA GmbH**  
W: [www.nepata.com](http://www.nepata.com)

**Neryos SAS**  
W: [www.neryos.com](http://www.neryos.com)

**NeuraLabel Printing Solutions**  
W: [www.drumlabeprinter.com](http://www.drumlabeprinter.com)

**New Eurografica SRL**  
W: [www.eurografica.mi.it](http://www.eurografica.mi.it)

**New Protech Srl**  
W: [www.newprotech.it](http://www.newprotech.it)

**New Solution S.A.**  
W: [www.newsolution.eu](http://www.newsolution.eu)

## NewfoilMachinesLtd

**Newfoil Machines Limited**  
Moorhey Engineering Works, Moorhey Street,  
Oldham, Lancashire, OL4 1JE, United Kingdom  
T: (+44) 1616270550  
E: [sales@newfoilmachines.co.uk](mailto:sales@newfoilmachines.co.uk)  
W: [www.newfoilmachines.co.uk](http://www.newfoilmachines.co.uk)

### ■ Labels

• Digital converting equipment • Digital presses  
• Hologram equipment • Hot foil machinery •  
Insertion/onsertion systems • Label overprinters and  
print-apply systems

**Nicoat**  
W: [www.nicoat.com](http://www.nicoat.com)

**Nikka Research Deutschland GmbH**  
W: [www.nikka-research.com](http://www.nikka-research.com)

**Nilpeter A/S**  
W: [www.nilpeter.com](http://www.nilpeter.com)

**Novamelt**  
W: [www.novamelt.com](http://www.novamelt.com)

**Novation, Inc.**  
W: [novation-inc.com](http://novation-inc.com)

**NPPS - Flexo for Hire**  
W: [www.npps1.com](http://www.npps1.com)

**Nuova GIDUE S.r.l**  
W: [www.gidue.com](http://www.gidue.com)

**OKI Europe Ltd**  
Blays House, Wick Road, Englefield Green, Egham  
Surrey, TW20 0HJ, United Kingdom  
T: (+44) 2082192183  
E: [marketing@okieurope.com](mailto:marketing@okieurope.com)  
W: [www.okieurope.com](http://www.okieurope.com)

### ■ Labels

• Desktop printers • Digital converting equipment  
• Digital presses • Finishing equipment, slitters and  
rewinders • Label applicators • Label dispensers  
• Label overprinters and print-apply systems •  
Wraparound films

**Omet Srl**  
W: [www.printing.omet.com](http://www.printing.omet.com)

**One Box Vision**  
W: [www.oneboxvision.com](http://www.oneboxvision.com)

**Onemach Industries CO.,PTE LTD**  
W: [www.onemach.net](http://www.onemach.net)

**Opakowanie**  
W: [www.opakowanie.pl](http://www.opakowanie.pl)



**Open Data Srl**  
Via Anticolana KM. 0,300, Anagni, (FR), 3012, Italy  
T: (+39) 077577681  
E: [info@openitaly.com](mailto:info@openitaly.com)  
W: [www.openitaly.com](http://www.openitaly.com)

### ■ Labels

• Barcode systems • Hand-held labeling systems •  
Label applicators • Label dispensers

**ORTHOTEC, WAN AN PRECISE MACHINERY  
WORKS CO., LTD.**  
W: [www.orthotec.com.tw](http://www.orthotec.com.tw)

**Oxford Instruments**  
W: [www.oxford-instruments.com](http://www.oxford-instruments.com)

**Pack Vision BV**  
W: [www.packvision.nl](http://www.packvision.nl)

**Packers**  
W: [www.packers.co.kr](http://www.packers.co.kr)

**Palmetto Imaging Technology, LLC**  
W: [www.pitsc.com](http://www.pitsc.com)

**Pamarco**  
W: [www.pamarco.com](http://www.pamarco.com)

**Pantec GS Systems AG**  
W: [www.pantec-gs.com](http://www.pantec-gs.com)

**Pantron Automation, Inc**  
W: [www.pantron.com](http://www.pantron.com)

**Pap'Argus**  
W: [www.pap-argus.com](http://www.pap-argus.com)

**Paper Resources, Inc.**  
W: [www.paperresources.com](http://www.paperresources.com)

**Papier & Druck**  
W: [www.papierunddruck.eu/](http://www.papierunddruck.eu/)

**Paragon Inks Ltd**  
W: [www.paragoninks.co.uk](http://www.paragoninks.co.uk)

**PASACO Coated Papers Co Ltd**  
W: [www.pasaco.pl](http://www.pasaco.pl)

**PC Industries**  
W: [www.pcindustries.com](http://www.pcindustries.com)

**PCMC - Paper Converting Machine Company**  
W: [www.pcmc.com](http://www.pcmc.com)

**PCT Engineered Systems LLC**  
W: [www.teampct.com](http://www.teampct.com)

**PDC International Corporation**  
W: [www.pdc-corp.com](http://www.pdc-corp.com)

**Perspex Kft**  
W: [www.perspex.hu](http://www.perspex.hu)

**Phidastien International**  
W: [www.phidastien.com](http://www.phidastien.com)

**Phoenix (Tilia Labs)**  
W: [www.ss-c.eu](http://www.ss-c.eu)



**Phoseon Technology**  
7425 NW Evergreen Parkway, Hillsboro, OR, 97124,  
United States  
T: (+1) 5034396446  
E: [info@phoseon.com](mailto:info@phoseon.com)  
W: [www.phoseon.com](http://www.phoseon.com)

### ■ Labels ■ Flexible packaging ■ Folding cartons

• Hot air and IR drying systems • UV lamps and  
curing systems

**PIASC**  
W: [piasc.org](http://piasc.org)

**Pillar Technologies - An ITW Company**  
W: [www.pillartech.com](http://www.pillartech.com)

**Pinewood Label Systems Limited**  
W: [www.pinewoodlabels.com](http://www.pinewoodlabels.com)



**Polar-Mohr**  
Hattersheimer Str. 25, Hofheim, 65719, Germany  
T: +49 6192 204 0  
E: [polar@polar-mohr.com](mailto:polar@polar-mohr.com)  
W: [www.polar-mohr.com](http://www.polar-mohr.com)

• Cutting/stamping machines • Dies and tooling  
(rotary and flatbed) • Finishing equipment, slitters  
and rewinders

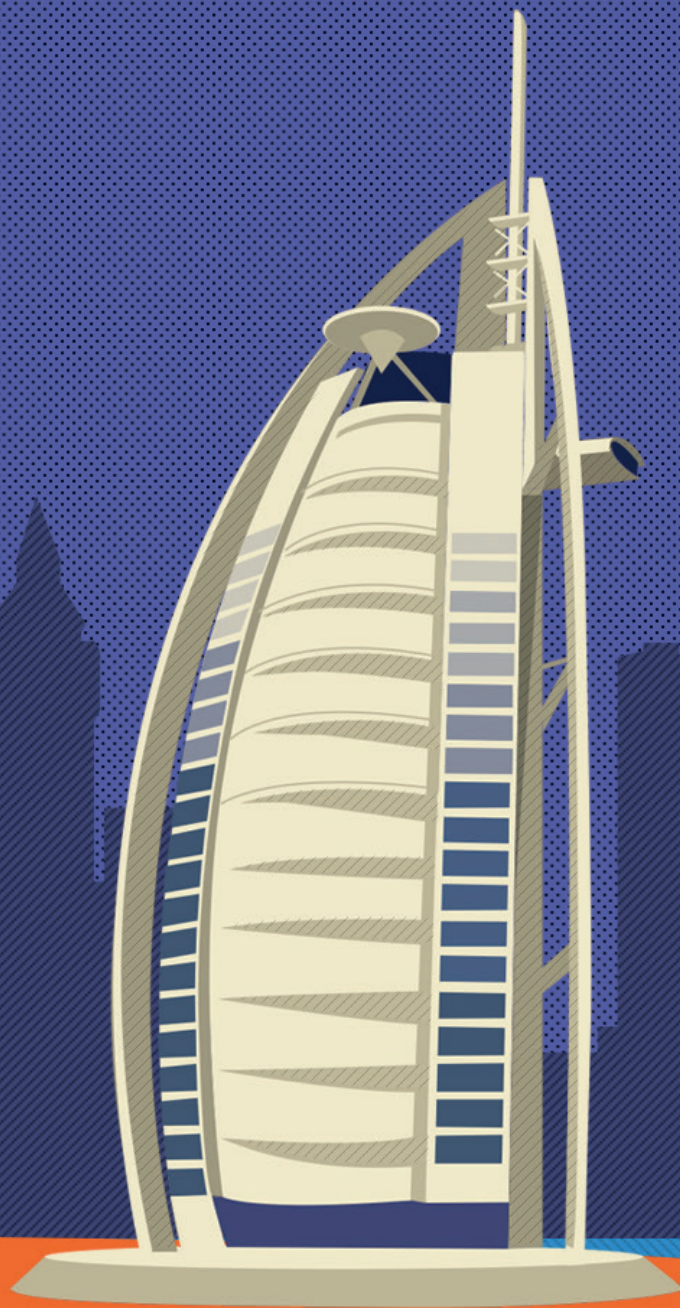




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**Poligrafika**  
W: [www.poligrafika.pl](http://www.poligrafika.pl)

**Polygraphica Equipment Ltd**  
W: [www.polygraphica.com](http://www.polygraphica.com)

**PolymagTek Inc.**  
W: [www.polymagtek.com](http://www.polymagtek.com)

**Polymount International**  
W: [www.polymount-int.nl](http://www.polymount-int.nl)

**Polyonics**  
W: [www.polyonics.com](http://www.polyonics.com)

**Prati s.r.l.**  
W: [www.praticompany.com](http://www.praticompany.com)

**Praxair Surface Technologies**  
W: [www.praxair.com/printing](http://www.praxair.com/printing)

**Precise Graphic India Pvt Ltd**  
W: [www.pgitech.in](http://www.pgitech.in)

**Precision AirConvey Corp**  
W: [www.airconvey.com](http://www.airconvey.com)

**Preco, Inc.**  
W: [www.precoinc.com](http://www.precoinc.com)

**Presstek**  
W: [www.presstek.co.za/](http://www.presstek.co.za/)

**Prime UV Systems, Inc.**  
W: [www.primeuv.com](http://www.primeuv.com)

**PrimeBlade Sweden AB**  
W: [www.primeblade.se](http://www.primeblade.se)

**PRIMERA  
TECHNOLOGY, INC.**

**Primera Technology, Inc**  
Two Carlson Parkway North, Ste 375, Plymouth,  
MN, 55447-4446, United States  
T: (+1) 7634756676  
E: [sales@primera.com](mailto:sales@primera.com)  
W: [www.primeralabel.com](http://www.primeralabel.com)

■ Labels

• Barcode systems • Desktop printers • Digital presses • Finishing equipment, slitters and rewinders • Label applicators

**perfect  
proofer**

**Print Proof Solutions B.V.**  
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T: +31 (0) 575 - 568 020  
E: [info@printproofsolutions.com](mailto:info@printproofsolutions.com)  
W: [www.printproofsolutions.com](http://www.printproofsolutions.com)

• Color management and control • Color proofing equipment • Ink control-dispensing systems • Test equipment

**Print Systems**  
W: [www.printsystems.pl](http://www.printsystems.pl)

**Printabled**  
W: [www.printabled.it](http://www.printabled.it)

**PrintConcept UV-Systeme GmbH**  
W: [www.printconcept-uv.de](http://www.printconcept-uv.de)

**Printex Srl**  
W: [www.printexsrl.com](http://www.printexsrl.com)

**Printgraph SpA**  
W: [www.printgraph.it](http://www.printgraph.it)

**Printing Innovation AG**  
W: [www.printing-innovation.com](http://www.printing-innovation.com)

**Printum GmbH**  
W: [www.printum.de](http://www.printum.de)

**Prisma Srl**  
W: [www.prismavigevano.com](http://www.prismavigevano.com)

**Pro-Cut Dies Ltd**  
W: [www.pro-cutdies.co.uk](http://www.pro-cutdies.co.uk)

**Process Sensors Corporation**  
W: [www.processsensors.com](http://www.processsensors.com)

**Prooftag**  
W: [www.prooftag.net](http://www.prooftag.net)

**ProPhotonix**  
W: [www.prophotonix.com](http://www.prophotonix.com)

**Prototype & Production Systems, Inc./ DICE Graphic Technologies**  
W: [www.prototypesys.com](http://www.prototypesys.com)

**Provident**  
W: [www.providentgrp.com](http://www.providentgrp.com)

**Pulse Roll Label Products Ltd**  
W: [www.pulserl.com](http://www.pulserl.com)

**PURE Labels (Elevate Packaging, Inc)**  
W: [www.purelabels.com](http://www.purelabels.com)

**QSPAC Industries, Inc**  
W: [www.qspac.com](http://www.qspac.com)

**QuadTech Inc.**  
W: [www.quadtechworld.com](http://www.quadtechworld.com)

**Quality Discount Press Parts & Equipment**  
W: [www.qualitydiscount.com](http://www.qualitydiscount.com)

**R.C. Lamps S.n.c. / VTI**  
W: [www.rclamps.it](http://www.rclamps.it)

**Radior (France) S.A.S**  
W: [www.radior.net](http://www.radior.net)

**Railex (Filing) Ltd**  
W: [www.railexfiling.co.uk](http://www.railexfiling.co.uk)



**Ravenwood Packaging Ltd**  
Unit 1, Brunel Business Court, Eastern Way, Bury St Edmunds, Suffolk, IP32 7AB, United Kingdom  
T: (+44) 1284749144  
E: [sarah@ravenwood.co.uk](mailto:sarah@ravenwood.co.uk)  
W: [www.ravenwoodpackaging.com](http://www.ravenwoodpackaging.com)  
Twitter: @ravenwoodpack

■ Labels ■ Flexible packaging

• Coating-laminating machines • Label applicators • Linerless and self-wound labels

**RayPress Corporation**  
W: [www.raypress.com](http://www.raypress.com)

**Re S.p.a. Controlli Industriali**  
W: [www.re-spa.com](http://www.re-spa.com)

**REA Elektronik GmbH**  
W: [www.rea.de](http://www.rea.de)

**Rea Jet**  
W: [www.reajetus.com](http://www.reajetus.com)

**Rebo Bv**  
W: [www.rebosystems.com](http://www.rebosystems.com)

**Reconcile Engineering Ltd.**  
W: [www.reconcileengineering.com](http://www.reconcileengineering.com)



**Recyl SAS**  
17, Rue de Montréal, ZI, Ville-la-Grand, 74100, France  
T: (+33) 450924868  
E: [info@recyl.fr](mailto:info@recyl.fr)  
W: [www.recyl.com](http://www.recyl.com)

■ Labels ■ Flexible packaging ■ Folding cartons

• Anilox rolls • Anilox rolls-press cleaning systems



**Reel To Reel International Ltd**  
W: [www.reeltoreel.co.uk](http://www.reeltoreel.co.uk)

**Rena, a Neopost Brand**  
W: [www.renausa.com](http://www.renausa.com)

**Repacorp, Inc.**  
W: [www.repacorp.com](http://www.repacorp.com)

**Resino Trykfarver A/S**  
W: [resino.dk](http://resino.dk)

**Retroflex Inc.**  
W: [www.retroflex.com](http://www.retroflex.com)

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144 Route de Rouffach, Wettolsheim,, 68920, France  
T: (+33) 0389204000  
E: [thermal.info@ricoh-industrie.fr](mailto:thermal.info@ricoh-industrie.fr)  
W: [www.ricoh-thermal.com](http://www.ricoh-thermal.com)

■ Labels

• Coding and marking • Label papers • Linerless and self-wound labels • Thermal transfer ribbons • VIP/thermal materials

**Rietstack**  
W: [www.rietstack.nl](http://www.rietstack.nl)

**Ritrama S.p.A.**  
W: [www.ritrama.com](http://www.ritrama.com)



**RK Print Coat Instruments Ltd**  
Abington Road, Litlington, Royston, Herts, SG8 0QZ, United Kingdom  
T: (+44) 1763852187  
E: [sales@rkprint.com](mailto:sales@rkprint.com)  
W: [www.rkprint.com](http://www.rkprint.com)

■ Labels

• Color management and control • Color proofing equipment • Ink control-dispensing systems • Inks • Test equipment

**ROCHEUX INTERNATIONAL**  
W: [www.rocheux.com](http://www.rocheux.com)

**Rogers Corporation**  
W: [www.rogerscorp.com/rbak](http://www.rogerscorp.com/rbak)

**Roland DG Benelux NV**  
W: [www.rolanddg.eu](http://www.rolanddg.eu)

**Roll Cover Italiana S.r.L**  
W: [www.rollcover.it](http://www.rollcover.it)

**Roll-2-Roll Technologies LLC**  
W: [www.r2r-tech.com/](http://www.r2r-tech.com/)

**Rollem USA**  
W: [www.rollemusa.com/diecut](http://www.rollemusa.com/diecut)

**Rolling Optics**  
W: [www.rollingoptics.com](http://www.rollingoptics.com)

**Rosas GmbH**  
W: [www.rosas-maschinenbau.de](http://www.rosas-maschinenbau.de)

**Rossella S.r.L.**  
W: [www.rossella.it](http://www.rossella.it)

**Rossini North America, LLC**  
W: [www.rossini-na.com](http://www.rossini-na.com)

**Rotary Die Company Sp. z o.o.**  
W: [www.rotary.com.pl](http://www.rotary.com.pl)

**Rotary Technology (Guangzhou) Co Ltd**  
W: [www.rotary-technology.com](http://www.rotary-technology.com)

**Rotatek S.A.**  
W: [www.rotatek.com](http://www.rotatek.com)

**ROTOCONTROL**  
W: [www.ROTOCONTROL.com](http://www.ROTOCONTROL.com)

**Rotoflex**  
W: [www.rotoflex.com](http://www.rotoflex.com)

**Rotolificio Pugliese Srl**  
W: [rotolificiopugliese.com](http://rotolificiopugliese.com)

**Rotometal Sp z o.o. S.K.**  
W: [www.rotometal.pl](http://www.rotometal.pl)

**RotoMetrics**  
W: [www.rotometrics.com](http://www.rotometrics.com)

**Rowat Inks BV**  
W: [www.rowatinks.com](http://www.rowatinks.com)

**Royal Adhesives and Sealants**  
W: [www.craigadhesives.com/](http://www.craigadhesives.com/)

**Rti Digital**  
W: [www.rti-digital.com](http://www.rti-digital.com)



**RUCO Druckfarben, A.M. Ramp & Co GmbH**  
Lorsbacher Strasse 28, Eppstein/Taunus, D-65817, Germany  
T: (+49) 61983040  
E: [info@ruco-inks.com](mailto:info@ruco-inks.com)  
W: [www.ruco-inks.com](http://www.ruco-inks.com)

■ Labels ■ Flexible packaging

Inks

**Ruttiman Trade AG**  
W: [www.ruettimannag.com/](http://www.ruettimannag.com/)

**Ryback & Ryback Inc.**  
W: [www.rybackandryback.com](http://www.rybackandryback.com)



**Sales Srl**  
Via Chivasso, 5 Rivoli, TO, 10098, Italy  
T: (+39) 0119571000  
E: [info@salesspa.com](mailto:info@salesspa.com)  
W: [www.salesspa.com](http://www.salesspa.com)

• Pressure-sensitive films • Pressure-sensitive papers

**Sam Meccanica Srl**  
W: [www.sammeccanica.com](http://www.sammeccanica.com)

**Sandon Global**  
W: [www.sandonglobal.com](http://www.sandonglobal.com)

**Sanyo Corporation of America**  
W: [www.sanyocorpusa.com](http://www.sanyocorpusa.com)

**Sappi**  
W: [www.sappi.com](http://www.sappi.com)

**SAScoat**  
W: [www.sascoat.com](http://www.sascoat.com)

**Schobertechnologies GmbH**  
W: [www.schobertechnologies.de](http://www.schobertechnologies.de)



**Screen Europe**  
Bouwerij 46, Amstelveen, 1185 XX, Netherlands  
T: (+31) 0204567800  
E: [emc@screeneurope.com](mailto:emc@screeneurope.com)  
W: [www.screeneurope.com](http://www.screeneurope.com)  
Twitter: @screeneurope

■ Labels

• Digital presses • Plates and platemaking equipment • Prepress systems

**SDI**  
W: [www.sdinetwork.com](http://www.sdinetwork.com)

**Seal King**  
W: [www.sealkingeurope.com](http://www.sealkingeurope.com)

**SECUTAC**  
W: [www.secutac.com](http://www.secutac.com)

**SEI Laser**  
W: [www.seilaser.com](http://www.seilaser.com)

**Seibert - PFV**  
W: [www.seibert-pfv.de](http://www.seibert-pfv.de)

**SEIDO Systems bvba**  
W:

**Selectra Srl**  
W: [www.selectrasrl.it](http://www.selectrasrl.it)

**Serame**  
W: [www.serame.com](http://www.serame.com)

**Sermar Machines Srl**  
W: [www.sermar.it](http://www.sermar.it)

**Shandong New Beiyang Information Technology Co., Ltd.**  
W: [www.newbeiyang.com](http://www.newbeiyang.com)

**Shandong Taibao Anti-Counterfeiting Technology Products Co., Ltd**  
W: [www.zbtbjt.com](http://www.zbtbjt.com)

**SHANGHAI ROCKY INDUSTRIAL CO.,LTD**  
W: [www.shrocky.com](http://www.shrocky.com)

**Shanghai Jaour Hot Melt Adhesive**  
W: [www.jaour.com](http://www.jaour.com)

**Shanghai Jinda Plastic Co., Ltd.**  
W: [www.jdlabel.com](http://www.jdlabel.com)

**Shanghai Realtac Trading Company Ltd**  
W: [www.rightint.com](http://www.rightint.com)

**SHIKI MACHINE SUPPLY CORP.**  
W: [www.shiki-co.jp](http://www.shiki-co.jp)

**Shun Zhe (Shanghai) Mechanical & Electrical Technology Co Ltd**  
W: [www.uvenergy.cn](http://www.uvenergy.cn)

**Sibress**  
W: [www.sibress.com](http://www.sibress.com)

**Siegwerk Environmental Inks**  
W: [www.siegwerk.com](http://www.siegwerk.com)

**Siemens PLM / SIMATIC IT Preactor**  
W: [www.siemens.com/preactor](http://www.siemens.com/preactor)

**Sihl GmbH**  
W: [www.sihl.com](http://www.sihl.com)

**Siliconature S.P.A.**  
W: [www.siliconature.com](http://www.siliconature.com)

**Simco-Ion**  
W: [www.simco-ion.com](http://www.simco-ion.com)

**Simple Solutions and Innovations Inc**  
W: [www.ssprintheads.com](http://www.ssprintheads.com)



**Sinkotech Turkey**  
YESILCE MAH. CELIK CAD. DEMIRBASSOK. No: 1,  
SEYRANTEPE KAGITHANE 34418 ISTANBUL, Turkey  
T: +90 212 325 00 70  
E: [cs@sinkotechusa.com](mailto:cs@sinkotechusa.com)  
W: [www.sinkotech.com](http://www.sinkotech.com)

■ Labels ■ Flexible packaging ■ Folding cartons

• Dies and tooling (rotary and flatbed) • Plate mounting equipment

**SISTRADÉ ,Äi Software Consulting, S.A.**  
W: [www.sistrade.com](http://www.sistrade.com)

**Sixtrue Srl**  
W: [www.sixtrue.com](http://www.sixtrue.com)

**SMAG (SRAMAG SAS)**  
W: [www.smag-graphique.com](http://www.smag-graphique.com)

**SMI Coated Products Pvt Ltd**  
W: [www.smicoatedproducts.com](http://www.smicoatedproducts.com)

**SNBC-Orient-Technologies**  
W: [www.orient-technologies.com](http://www.orient-technologies.com)

**SOFTAL Corona & Plasma GmbH**  
W: [www.softal.de](http://www.softal.de)

**SoftSolutions, Inc.**  
W: [www.softsolutionsit.com](http://www.softsolutionsit.com)

**Sohn Mfg**  
W: [www.sohnmanufacturing.com](http://www.sohnmanufacturing.com)

**Soma Engineering**  
W: [www.soma-eng.com](http://www.soma-eng.com)

**Sonic Solutions LLC**  
W: [www.sonicsolutionsusa.com](http://www.sonicsolutionsusa.com)

**Spartanics**  
W: [www.spartanics.com](http://www.spartanics.com)

**Spengler Electronic AG**  
W: [www.spengler.ag](http://www.spengler.ag)

**SPGPrints**  
W: [www.spgprints.com](http://www.spgprints.com)

**Spilker GmbH**  
W: [www.spilker.com](http://www.spilker.com)

**Spinnaker Coating**  
W: [www.spinps.com](http://www.spinps.com)

**Spring Coating Systems**  
W: [www.spring-coating.com](http://www.spring-coating.com)

**Squid Inks AG (Ltd.)**  
W: [www.squidinks.eu](http://www.squidinks.eu)

**SRC Systems Limited**  
W: [www.srcsystems.co.uk](http://www.srcsystems.co.uk)



**STA, LLC**  
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United States  
T: (+1) 8002588273  
E: [stacs@sta-usa.com](mailto:stacs@sta-usa.com)  
W: [www.sta-tapes.com](http://www.sta-tapes.com)

■ Labels ■ Folding cartons

• Pressure-sensitive films • Pressure-sensitive tapes

**Stampare**  
W: [www.fcmagazine.it](http://www.fcmagazine.it)

**Starfoil Technology Netherlands bv**  
W: [www.starfoil.com](http://www.starfoil.com)

**START International**  
W: [www.startinternational.com](http://www.startinternational.com)

**STOMA GmbH**  
W: [www.storma-gmbh.com](http://www.storma-gmbh.com)

**StopStatic.com division of Alpha Innovation**  
W: [www.stopstatic.com](http://www.stopstatic.com)

**Strata-Tac**  
W: [www.stratatac.com](http://www.stratatac.com)

**Styers Equipment Company**  
W: [www.styersequipment.com](http://www.styersequipment.com)

**Sun Chemical (Germany)**  
W: [www.sunchemical.com](http://www.sunchemical.com)

**Super Film Packaging Films**  
W: [www.superfilm.com](http://www.superfilm.com)

**Superior Label**  
W: [www.superior-label.com](http://www.superior-label.com)

**Sustanium**  
W: [www.sustanium.com](http://www.sustanium.com)

**SwiftColor**  
W: [www.swiftcolor.com/](http://www.swiftcolor.com/)

**Synthogra**  
W: [www.synthogra.com](http://www.synthogra.com)

**Sys Tec Converting**  
W: [www.stconverting.com](http://www.stconverting.com)



**Tag and Label Manufacturers Institute**  
W: [www.tlmi.com](http://www.tlmi.com)



### Taghleef Industries

#### Taghleef Industries SpA

Via E. Fermi, 46, San Giorgio di Nogaro, Udine,  
33058, Italy  
T: (+39) 431627111  
E: [staff@ti-films.com](mailto:staff@ti-films.com)  
W: [www.ti-films.com](http://www.ti-films.com)  
Twitter: @ti\_films

#### ■ Flexible packaging

• In-mold label materials • Metalized substrates •  
Pressure-sensitive films • Release liners • Shrink/  
stretch films • Wraparound films

**Taizhou Newtech Film Co Ltd**  
W: [www.newtechfilm.com](http://www.newtechfilm.com)

**Tamarack Products Inc**  
W: [www.tamarackproducts.com](http://www.tamarackproducts.com)

**Tamerica Products, Inc.**  
W: [www.tamericaproducts.net](http://www.tamericaproducts.net)

**Tangshan Wanjie Europe**  
W: [www.tw-europe.eu](http://www.tw-europe.eu)

**Tech Sleeves**  
W: [www.tech-sleeves.com/](http://www.tech-sleeves.com/)

**Tech-Melt Adhesives Ltd.**  
W: [www.techmeltadhesives.com.tr](http://www.techmeltadhesives.com.tr)

**Techkon USA**  
W: [www.techkonusa.com](http://www.techkonusa.com)

**TECHNI FORM**  
W: [www.techni-form.com](http://www.techni-form.com)

**Technicote, Inc.**  
W: [www.technicote.com](http://www.technicote.com)

**Tecscan Print Inspection Systems**  
W: [www.tecscanelectronics.co.uk](http://www.tecscanelectronics.co.uk)

**Tectonic International Ltd**  
W: [www.tectonicinternational.com](http://www.tectonicinternational.com)

**Telstar Engineering Inc.**  
W: [www.telstareng.com](http://www.telstareng.com)

**tesa SE**  
W: [www.tesa.com/industry/paper\\_print](http://www.tesa.com/industry/paper_print)

**TESLIN Substrate by PPG Industries**  
W: [www.teslin.com](http://www.teslin.com)

**Testing Machines Inc.**  
W: [www.testingmachines.com](http://www.testingmachines.com)

**TGW International Inc.**  
W: [www.tgwint.com](http://www.tgwint.com)

**Tharstern**  
W: [www.tharstern.com](http://www.tharstern.com)

**Thermal Printer Support Ltd**  
W: [www.thermalprintersupport.com](http://www.thermalprintersupport.com)

**Thermal Transfer Solutions Ltd**  
W: [www.thermaltransfersolutions.com](http://www.thermaltransfersolutions.com)

**Thermo Code System**  
W: [www.thermocodesystem.com](http://www.thermocodesystem.com)

**ThermoflexX**  
W: [www.thermoflexx.com](http://www.thermoflexx.com)

**Thiele Technologies**  
W: [www.streamfeeder.com](http://www.streamfeeder.com)

**Thwing-Albert Instrument Company**  
W: [www.thwingalbert.com](http://www.thwingalbert.com)

**Tidland**  
W: [www.maxcessintl.com](http://www.maxcessintl.com)

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**TLS Anilox GmbH**  
W: [www.tlsanilox.de](http://www.tlsanilox.de)

**Toc Maquinas Industriales SA De CV**  
W: [www.toc.com.mx](http://www.toc.com.mx)

**TODAYTEC Thermal Transfer Ribbons**  
W: [www.todayteclic.com](http://www.todayteclic.com)

**Tools & Production Inc.**  
W: [www.toolsandproduction.com](http://www.toolsandproduction.com)

**Torraspapel SA (headquarters)**  
W: [www.torraspapel.com](http://www.torraspapel.com)

**Toshiba Tec Corporation**  
W: [www.iacs.be](http://www.iacs.be)

**Totani America**  
W: [www.totaniamerica.com](http://www.totaniamerica.com)

**Tower Products Inc.**  
W: [www.towerflexo.com](http://www.towerflexo.com)

**Toyo Ink Arets NV**  
W: [www.toyoinkarets.com](http://www.toyoinkarets.com)

**Toyobo Co Ltd**  
W: [www.toyobo.co.jp](http://www.toyobo.co.jp)

**Transfer Trade s.r.l.**  
W: [www.t-trade.it](http://www.t-trade.it)

**Treofan America, Inc.**  
W: [www.treofanamericas.com](http://www.treofanamericas.com)

**TRESU Group**  
W: [www.tresu.com](http://www.tresu.com)

**Tri-Tronics Company, Inc.**  
W: [www.ttco.com](http://www.ttco.com)

**Trinity Graphic USA Inc**  
W: [www.trinitygraphic.com](http://www.trinitygraphic.com)

**Troika Systems Ltd**  
W: [www.troika-systems.com](http://www.troika-systems.com)

**Trojan Color Systems**  
W: [www.trojancolorsystems.com/](http://www.trojancolorsystems.com/)

**Trojanlabel**  
W: [www.trojanlabel.com/](http://www.trojanlabel.com/)

**TTR Euroworks BV**  
W: [www.ttr.nl](http://www.ttr.nl)

**Tungsman and Company Inc**  
W: [www.flexochina.com/](http://www.flexochina.com/)

**Typerite**  
W: [www.typerite.com](http://www.typerite.com)

**UCS (UV Curable Systems bvba)**  
W: [www.ucs-inks.be](http://www.ucs-inks.be)

**UEI Falcontec**  
W: [ueigroup.com](http://ueigroup.com)

**UL LLC**  
W: [industries.ul.com/plastics-and-components/labels](http://industries.ul.com/plastics-and-components/labels)

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W: [www.ultralight.li](http://www.ultralight.li)

**UltraSource LLC**  
W: [www.ultrasourceusa.com](http://www.ultrasourceusa.com)

**Unilux, Inc.**  
W: [www.unilux.com](http://www.unilux.com)

**Uninet**  
W: [www.icolorprint.com](http://www.icolorprint.com)

**Union Chemcar Europe**  
W: [www.unionchemcar.nl](http://www.unionchemcar.nl)

**United Speciality Inks Pvt. Ltd.**  
W: [www.dsv-chemicals.com](http://www.dsv-chemicals.com)

**Univac Foils Corporation**  
W: [www.univacfoils.com](http://www.univacfoils.com)

**Universal Engraving, Inc.- UEI Group Company**  
W: [www.ueigroup.com](http://www.ueigroup.com)

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W: [www.upmraflatac.com](http://www.upmraflatac.com)  
Twitter: @upm\_raflatac

■ Labels

• Pressure-sensitive films • Pressure-sensitive papers

**UTECO NORTH AMERICA INC.**  
W: [utecona.com](http://utecona.com)

**UV Ray S.r.l**  
W: [www.uvray.it](http://www.uvray.it)

**uv-technik meyer gmbh**  
W: [www.uv-technik.com](http://www.uv-technik.com)

**Uvitec Printing Ink, Inc.**  
W: [www.uvitec.com](http://www.uvitec.com)

**Uviterno AG**  
W: [www.uviterno.com](http://www.uviterno.com)

**Valmet**  
W: [www.valmet.com](http://www.valmet.com)

**VAN DEN BERGH Consulting bvba**  
W: [www.vandenberghconsulting.com](http://www.vandenberghconsulting.com)

**VanDerEng BV**  
W: [www.vandereng.nl](http://www.vandereng.nl)

**Vellerino Sdi**  
W: [www.vellerino.com](http://www.vellerino.com)

**Verso Corporation**  
W: [versoco.com](http://versoco.com)



**Vetaphone A/S**  
Fabriksvej 11, Kolding, DK 6000, Denmark  
T: (+45) 76300333  
E: [sales@vetaphone.com](mailto:sales@vetaphone.com)  
W: [www.vetaphone.com](http://www.vetaphone.com)  
Twitter: @coronatreatment

■ Labels ■ Flexible packaging

Corona and flame treaters

**Vianord Engineering SAS**  
W: [www.vianord.com](http://www.vianord.com)

**Vinsak**  
W: [vinsak.com/](http://vinsak.com/)



**VIP Color Europe**  
Carrer Pagesia 22-24, 1-B, Rubi, Barcelona, 8191, Spain  
T: (+34) 935883018  
E: [js.satorra@venture.com.sg](mailto:js.satorra@venture.com.sg)  
W: [www.vipcoloreurope.com](http://www.vipcoloreurope.com)

■ Labels

• Barcode systems • Desktop printers • Digital presses • Label papers

**VivaCasa**  
W: [www.vivacasa.hu](http://www.vivacasa.hu)

**Voyantic Ltd**  
W: [www.voyantic.com](http://www.voyantic.com)

**VPF GmbH & Co. KG**  
W: [www.vpf.de](http://www.vpf.de)

**VsKE**  
W: [www.vske.de](http://www.vske.de)



**Wacker Chemie AG**  
Hanns-Seidel-Platz 4, Munich, 81737, Germany  
T: (+49) 89627901  
E: [info.silicones@wacker.com](mailto:info.silicones@wacker.com)  
W: [www.wacker.com](http://www.wacker.com)

■ Labels ■ Flexible packaging ■ Folding cartons

• Adhesives • Linerless and self-wound labels • Release liners • Silicone release coatings

**Wasberger Label Equipment**  
W: [www.wasberger.se](http://www.wasberger.se)

**Wausau Coated Products, Inc.**  
W: [www.wausaucoated.com](http://www.wausaucoated.com)

**Weifang Donghang Graphic Technology Inc.**  
W: [www.donghang.cn](http://www.donghang.cn)

**WEIGANG Machinery**  
W: [www.weigangmachinery.com/www.weigang.cc](http://www.weigangmachinery.com/www.weigang.cc)

**Wenzhou Rhyguan Machinery Co Ltd**  
W: [www.rhyguan.com](http://www.rhyguan.com)

**Werosys ApS**  
W: [www.werosys.com/](http://www.werosys.com/)

**Wikoff Color Corporation**  
W: [www.wikoff.com](http://www.wikoff.com)

**Wilson Manufacturing Co.**  
W: [www.wilsonmfg.com](http://www.wilsonmfg.com)



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W: [www.wink.de](http://www.wink.de)

■ Labels ■ Flexible packaging ■ Folding cartons

• Cutting/stamping machines • Cylinders, printing and magnetic • Dies and tooling (rotary and flatbed) • Hot stamping-embossing cylinders

**WRH Global Americas**  
W: [www.wrh-global-americas.com](http://www.wrh-global-americas.com)

**WUHAN GOLDEN LASER CO.,LTD**  
W: [www.goldenlaser.cc](http://www.goldenlaser.cc)

**X-Rite Europe GmbH**  
W: [www.xrite.com](http://www.xrite.com)

**Xaar PLC**  
W: [www.xaar.com](http://www.xaar.com)

**XDS Holdings, Inc.**  
W: [www.teamxds.com](http://www.teamxds.com)



**Xeikon**  
Duwijkstraat 17, Lier, 2500, Belgium  
T: (+32) 003234431311  
E: [info@xeikon.com](mailto:info@xeikon.com)  
W: [www.xeikon.com](http://www.xeikon.com)  
Twitter: @xeikon

■ Labels ■ Folding cartons

• Color management and control • Digital converting equipment • Digital presses • Finishing equipment, slitters and rewinders

**Xiamen Delish Automation Equipment Co., Ltd**  
W: [www.delishmachine.com](http://www.delishmachine.com)

**Xinxiang Fineray Technology Ltd**  
W: [en.fineray.cn](http://en.fineray.cn)

**Yazoo Mills, Inc.**  
W: [www.yazoomills.com](http://www.yazoomills.com)



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## ■ Labels

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Pressure-sensitive tapes • Release liners • Security materials  
• Silicone release coatings • VIP/thermal materials

**Yeuell Nameplate & Label**

W: www.yeuell.com

**Yupo Europe GmbH**

Willstätterstr. 30, Düsseldorf, 40549, Germany

T: (+49) 021152054260

E: a.soterio@yupo.de

W: www.superyupo.com

## ■ Labels

• In-mold label materials • Label papers • Pressure-sensitive films • Security materials

**Zecher GmbH**

W: www.zecher.com

**Zeller+Gmelin**  
UV Printing Ink**Zeller+Gmelin GmbH & Co. KG**

Schlossstr. 20, Eisingen, 73054, Germany

T: (+49) 07161802352

E: a.rascher@zeller-gmelin.de

W: www.zeller-gmelin.de

## ■ Labels ■ Flexible packaging ■ Folding cartons

• Adhesives • Ink control-dispensing systems • Inks

**Zhejiang Hengfeng Packing Co., Ltd.**

W: www.china-tj.com.cn

**Zhejiang Hexiang Printing Machinery Co Ltd**

W: www.hxjx.com

**Zhejiang Ouli Digital Inkjet Materials Co Ltd**

W: www.cnouli.com.cn

**Zhejiang WeiGang Machinery Co., LTD**

W: www.weigang.cc

**Zhejiang Zhongjia Technology Co Ltd**

W: www.laserzj.com/en/

**ZHEJIANG ZHONGTE MACHINERY**

W: www.ztyj.cn

**Zhongshan Fu Zhou Adhesive-Product Co Ltd**

W: www.fzlabel.com

**Zhongshan Shuguan Self-Adhesive Products Co., Ltd**

W: www.scsticker@gmc.globalmarket.com

**Zuber Rieder**

W: www.zuberrieder.fr

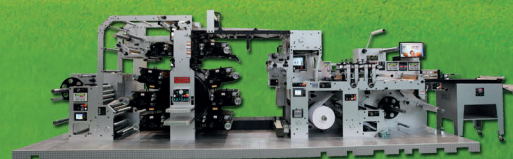
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