



EDP AWARDS 2021

A photograph of several autumn leaves in various colors (yellow, orange, red, purple) hanging from a thin, light-colored string against a light blue background. The leaves are arranged horizontally across the middle of the page.

# THE REPORT

## EDP AWARDS 2021

[WWW.EDP-AWARD.ORG](http://WWW.EDP-AWARD.ORG)



Austria	BeNeLux	Czech/Slovakia
		
Denmark	Finland	France
		
Germany	Germany	Greece
		
Hungary/Romania	Italy	Kazakhstan
		
Norway	Poland	Russia
		
Spain	Sweden	Switzerland/Liechtenstein
		
Turkey	UK/Ireland	Ukraine
		

The members of the EDP Association congratulate all EDP Award winners and thank all participants for their participation.

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# 15TH EDP AWARDS PRESTIGIOUS AND VALUABLE

One of the goals of the EDP Association is to assist the technology-appliers in their task to find the right solution for their applications. Because not every product meets the requirements in a demanding production environment. The EDP has been implementing this goal for 15 years and presents the EDP Awards every year. Thus the EDP Awards offer orientation and give a neutral recommendation for purchase decisions.

For this purpose, the EDP Technical Committee (the jury consists of specialists and experts of the member magazines) evaluates and judges the latest technological developments in several categories. The best products in each category are honoured with an EDP Award.

Over the years the EDP Awards have become the “most prestigious and valuable Technical Award for the digital production business in Europe” – as one participant said. This makes us proud and this motivates us.

The EDP Awards are a classical competition, carried out by an expert’s commission. There are no public votings (on the Internet etc.) because of the strict criteria the EDP Technical Committee sets on the competition. It is all about technical criteria, not about popularity.

Only in this way it’s possible to acknowledge the value of the research and development tasks of the industry. The logo that identifies the EDP Awards is a quality and innovation mark. The awards are among the highest accolades in the printing industry.

Since 2007 the EDP has honored the best and newest products. Over the years almost 350 trophies were awarded to the best technologies and developments. This year again 26 trophies are awarded. I hope we made the right decisions.

However, the EDP Association also recognises that the EDP Awards can only be organised because manufacturers are willing to submit their products and give us insights for judging. We believe it’s a typical win-win situation for the manufacturer, the EDP Association and at least the users in the printing industry.

So I would like to thank all the partners who make the EDP Awards possible. And on behalf of the EDP members, I would like to thank all participants and congratulate the winners.

But a few words about the past and upcoming EDP Awards.

The covid pandemic and the continuing restrictions have now presented us with considerable uncertainties in the planning and implementation of the EDP Awards for the second year. Unfortunately, this has also led to delays in many areas. However, we hope that the participants will understand this.

In the next few weeks we will be launching the EDP Awards 2022, now the 16th edition of the competition, and as in previous years we will be inviting companies to submit their products.

We will again have to get an idea of which events will take place in 2022, which dates can be considered and whether we can hold a real Award Ceremony again. In any case, we hope that the next competition will not be as much of a hurdle race as this year.

I wish you all the best in these difficult times and stay safe.



**Klaus-Peter Nicolay**  
President EDP Association

## AWARDS IN MOTION

# IT'S ALL ABOUT INNOVATION

The EDP Technical Committee is the institution of the EDP Association which performs the constituency-level work for the decisions about the EDP Award winners and whether there is generally an Award in a suitable category if the product warrants to be innovative, new and different.

From the point of view of the Technical Committee, it was not an easy choice this year. It remains important for our work that we can see with our own eyes how products work in practice and that, when it comes to printing and finishing, we can touch the result. The ongoing pandemic and the associated travel restrictions have made it difficult to get a full picture of the new products that have come onto the market.

In that respect, it was nice that I was able to see a number of nominated products during FESPA in Amsterdam last autumn. Unfortunately, this was not the case for my colleagues, but you can come to a satisfactory conclusion by mutual agreement.

Nevertheless: We experienced that the jury work took much more time than in the other years to determine the innovations of the nominations submitted by the manufacturers. As always, we looked for both technical innovations and improvements in the price/performance ratio.

The developments around Covid19 have also locked down parts of the printing industry and the graphic arts market, causing manufacturers to reluctantly launch products or refrain from nominating their products this year while they have competed in other years.

Yet there was a large number of products submitted. To keep the competition fair in these times, unlike other years, we did not nominate any jury-selected products for the competition. The privilege of a jury nomination is reserved for companies that either have not participated before or represent a groundbreaking innovation.

Like every year, trends can be identified. One clearly recognisable trend is that software is having an ever greater impact on the usability of hardware, which is reflected in the large number of software products sub-

mitted. Like the submitters, we sometimes struggled with the fact that the pre-defined categories did not always fit well with the nominated product well. This was also the case with some hardware products. In order to give as many nominated products as possible a fair chance, we transferred some nominated products to another category.

The EDP Awards are all about innovation. That applies not only to the suppliers involved but certainly also for ourselves. What we learned from this year is that it is useful to have more explanations from the vendors. That took a lot of time and is an important reason why the names of the Award winners are being revealed so late. As Technical Committee, we have come up with the idea of giving suppliers the opportunity to give a short online presentation/preview of their submission on a number of dates to be determined. We will invite all our members to attend these presentations. The details will be further elaborated and discussed in the coming months. In any case, it is an additional platform for the companies that participate in the EDP Awards and it makes the work of the Technical Committee just a little bit easier.

The EDP Association's members congratulate all EDP Award winners, finalists and nominees and thank all participants and submitters for their cooperation.



**Herman Hartman**

Chairman Technical Committee  
EDP Association

## THE CONTEST

# IT HAS TO BE DIFFERENT

Each product is different, each product has its benefits and its downfalls, each of the products has innovation and has to be new to the market. Every company believes their product is the absolute winner and this makes the industry move for more innovation and to dare to be different. This is the starting point of the EDP Awards Judging.

But in every competition there are questions about why and how, this is not a different with judging process of the EDP Awards. We like to take the opportunity to explain the tasks of the EDP Technical Committee and the evaluation criteria.

From all submitted products, the Technical Committee nominates the favourites for each category for an award. The main criterion according to which the evaluations are carried out is innovation: Does the product contain a new technology, is it more efficient or does it change the working methods in a positive sense? Are there new functionalities, an increased variety of applications or materials? How user-friendly is the product? And is it even available in terms of linguistic diversity and geography? In addition, there is a question that arises again and again: Do the submitted products represent the view of the market?

For this reason, the EDP Association reserves the right to add, delete or combine categories during the judging process. However, the existence of a category does not necessarily mean that an award will be given.

Several interesting further product developments were submitted in 2021 again. As long as these further developments bring clearly recognizable additional, significant and completely new features, they will be considered by the jury. Adaptations (updates of software to a next higher version, larger or smaller machines of a basic model) with only insignificant further developments are not real innovations according to the jury's understanding.

In the meantime, digital printing has become substantially mature. This of course has an impact on the frequency of major innovations, which have largely failed to materialise. Some of the product launches nowadays fall into the category of maintenance, adjusting minor details and sometimes copying what a competitor has successfully launched earlier.

Nevertheless, year after year there are interesting solutions and products that deserve an honor and thus an EDP Award.

This year again 26 trophies are awarded. We hope we made the right decisions.

### **EDP Technical Committee**

#### **Chairman:**

Herman Hartman  
*(Editor in Chief, signPro  
Benelux)*

#### **Members:**

Igor Terentyev  
*(Editor in Chief, Publish,  
Russia)*

Klaus-Peter Nicolay  
*(Editor in Chief, Druckmarkt,  
Germany)*



## FINALISTS AND WINNERS **SOFTWARE**

All products submitted for the **EDP AWARDS 2021** were thoroughly reviewed and evaluated by the **TECHNICAL COMMITTEE**. From the submitted products, the finalists were identified, nominated for an EDP Award and presented to the members for voting. The members' vote decided which products would receive one of the prestigious awards. Congratulations!

## ENTRIES

# SOFTWARE

The following product descriptions are based on the short submission texts of the competitors in the EDP Awards. They are slightly revised for this publication and do not represent the opinion of the EDP Technical Committee.

### COLOR MANAGEMENT

#### EFI | ColorGuard

EFI ColorGuard is a cloud-based colour verification and calibration solution that enables digital print service providers to produce consistent, accurate colour. ColorGuard standardises colour process control by turning the task of verifying and correcting colour into a standard operating procedure across print operations.

#### Lacunasolutions | SpectraProof

This soft proofing software uses a spectral prediction algorithm. This enables the possibility to predict printing results for spot colour combinations. This is especially unique for blended and overprinted spot colours. The software takes advantage of wide gamut displays and spectral data (e.g. CXF data). Basic commenting tools and the ability to exchange soft proof with other users enables a simple soft proofing workflow.

### WORKFLOW TECHNOLOGY

#### Agfa | Asanti V5

Asanti is a complete, automated Sign & Display production hub fea-

turing Agfa's color management solution, integration with the latest version of Adobe PDF Print Engine, highly specific functionalities (e.g. nesting, see-through concept, proofing support) and fast, automatic pre-flighting.

#### EFI | Fiery Finishers

EFI Fiery offers two solutions for producing fully finished product. The user interface simplifies the creation and editing of finishing definitions. Operators define the location for cut, crease, and perforation in the Fiery solution, which instructs the finisher – eliminating errors from incompatible layouts.

The first solution is the advanced integration with Fiery Impose and slitter/cutter/creasers. Operators can save up to 80% in setup time. The second solution is Fiery Finishing Designer, which provides a live preview of the job content and allows operators to program the finishing variables with ease and confidence.

#### Mutoh | VerteLith

The VerteLith software is built around the Harlequin host renderer, ensuring fast RIP processing times for both PDF and PostScript files, as well as handling of transparencies and spot colours. To avoid waste,

the software includes powerful preview functionality, supporting soft proofing and on-screen RIP previewing of the actual printed dots before printing.

VerteLith can also auto-generate white and/or varnish layers based on a selection of presets and it allows to perform ink-cost calculation prior to printing. Output can be prepared for the next step via the finishing toolset, allowing to perform flexible tiling and put crop marks or grommets.

#### Onyx Graphics | ONYX 21.1

ONYX 21.1 brings simplicity and ease of use to improve internal and external workflows. New PDF Soft Proofs provide a quick visual reference of final output before printing that can be generated on the fly, in Job Editor, or automated using Quick Sets, reducing customer approval timelines and improving the customer experience.

In addition, new Print Label Cut Paths ensure print buyers get important job information on print-and-cut jobs providing a seamless print-and-cut workflow without losing valuable data.



## ENTRIES

**Onyx Graphics | ONYX Go**

ONYX Go is a new full-featured ONYX RIP subscription. This no-contract month-to-month RIP solution is offered in two product tiers: ONYX Go Lite, and ONYX Go Plus. ONYX Go Lite offers everything a print shop needs to get started in. This includes two Adobe RIP processors for multiple file handling, Job editor for file preparation, and unlimited roll-to-roll cutter support. ONYX Go Plus doubles the power of ONYX Go Lite with support for two full workstations out-of-the-box as well as additional production and color management tools for greater file control. This includes Bleed and Grommets for finishing, Swatch Books 2.0 for color matching, Specialty ink support for white-ink jobs, Custom Ink Configurations, ICC profiling etc.

**WORKFLOW TECHNOLOGY FOR  
HIGHSPEED PRINTING****EFI | Fiery Universal Digital Front End**

EFI has introduced a new, easy-to-implement Fiery Universal Digital Front End (DFE) including integrated colour management and workflow software. The DFE solution is built

on a standard set of RESTful APIs for the job management/control path and industry-standard communication protocols for the raster image data path. The Fiery DFE acts as an HTTPS server with the press as the client. This offering provides a scalable solution to inkjet presses, with Fiery software.

**Solimar Systems | ReadyPDF Prepress Server**

The ReadyPDF solution is the culmination of multiple technologies and libraries found in other PDF optimization solutions currently available today. However, it is differentiated by our in-house developed technology that is proven in customer environments to process large PDF files that other solutions fail on, optimize and replace fonts, control colorspace including detecting and change Rich Black to pure K and/or applying ICC color profiles, and the ability to automate the entire process through templated automation built-in as a standard feature and deployment methodology.

**WORKFLOW SOLUTIONS****Dataline | MultiFlow**

Every graphic production company has various indispensable processes

for streamlining production. These processes aren't always linked to the relevant data, and checking information. By building a bridge between these "islands", companies can automate the exchange of data and the taskmanagement steps in the production process. With MultiFlow for MultiPress, graphic production companies can make immense efficiency gains.

The MultiFlow module of MultiPress makes it possible to fully or partially automate workflow and a status can be seen in clear flow charts. This visualized workflow will be automated based on a customised set of rules. The user can explore all possibilities without getting lost in an excess of options.

**Dataline | MultiPress Connect App for Enfocus Switch**

The MultiPress Connect app for Enfocus Switch offers versatile automation possibilities for the prepress and print production workflow. It combines the powerful automation possibilities of Switch with the comprehensive and up-to-date information in the MultiPress MIS/ERP software.

## ENTRIES

### **Durst | P5 350 HS**

The P5 350 HS is the hybrid solution for roll and board printing up to 3.5 m and reaches a productivity up to 650 sqm/h (7,000 sq.ft/h). Fast media change, easy maintenance handling and full safety render the printing process a way more efficient.

Durst Workflow is a browser-based data management handling system that includes pre-press functionality as well as ripping. The proven workflow for PDF toolbox, color management and rip engine ensures highest quality and ink cost optimization.

### **EFI | eFlow Automator**

eFlow Automator is a business management solution designed to automate processes in print or packaging ecosystems. It is designed to automate repetitive tasks, increase overall business efficiency, and accelerate ROI with business workflows.

eFlow Automator leverages the connectivity backbone nature of eFlow – an Enterprise Service Bus for messaging across applications – to listen for events passing through the system and between interconnected systems. When specific events happen eFlow Automator allows busi-

ness's specific rules and trigger actions.

### **Elitron | Kombo TAV V2**

See »Finishing«.

### **Mutoh | VerteLith**

See »Workflow Technology«.

### **Ricoh | TotalFlow Job Ticket**

TotalFlow Job Ticket is the latest addition to the TotalFlow suite of solutions. It helps organisations take control of enterprise printing by enabling the submission of jobs directly to an inhouse production print location. The result is a reduction in the overall cost of printing while offering direct access to inhouse production print services for users. Job Ticket connects users to central printing services for greater control of print costs. The inclusion of an electronic job ticket enables full automation of job preparation and printing via Ricoh's TotalFlow Production Manager solution.

### **Zünd | Cut Center – Pick & Place Interface Option**

The Zünd Cut Center – ZCC can control a robot via the Pick&Place Interface Option. This allows the cut parts to be removed, sorted and stored fully automatically.

### **Zünd | PrimeCenter**

Software for a smarter workflow. Intelligent automation with PrimeCenter. Special applications: Acting as control center for generating print & cut files, PrimeCenter helps create an efficient and productive prepress workflow. Create nested print & cut layouts in just a few clicks.

## **CLOUDBASED WORKFLOW SOLUTIONS**

### **CGS Oris | Color Cloud**

With CGS Oris Color Cloud the precise color communication is getting very simple. The cloud-based server is the central solution with global access to share all color data, their specifications, properties, and printing behavior easily, fast, and safely. All CGS Oris proofing and color management solutions, like Color Turner, Flex Pack as well as Press Matcher, X Gamut or CXF Toolbox, have a seamless connection to the Color Cloud to enable a smooth, comfortable and efficient workflow.

### **Kodak | Prinerly On Demand Business Solutions**

Kodak Prinerly On Demand Business Solutions is a fully integrated, end-to-end business workflow system.

## ENTRIES

Prinerly has brought together print-specific business software in a single solution, powered by Prinerly On Demand cloud-based platform, backed by Microsoft Azure.

### MIS/ERP SYSTEMS

#### Dataline | MultiFlow

See »Workflow solutions«.

#### Dataline | MultiPress Connect App for Enfocus Switch

See »Workflow solutions«.

#### EFI | Enterprise Mailing

The EFI Enterprise Mailing solution has been specifically designed to help mailing organizations improve profitability of all direct, transpromo, and transactional mail projects. It integrates intelligent estimating, dynamic scheduling and real-time shop floor data collection with EFI MIS/ERP systems or third-party platforms.

#### Kodak | Prinerly On Demand Business Solutions

See »Cloudbased workflow solutions«.

### SOFTWARE AUTOMATION TOOLS

#### Dataline | MultiFlow

See »Workflow solutions«.

#### Dataline | MultiPress Connect App for Enfocus Switch

See »Workflow solutions«.

#### Durst | P5 350 HS

See »Workflow solutions«.

#### EFI | Fiery Finishers

See »Workflow technology«.

#### Onyx | Onyx 21.1

See »Workflow technology«.

### SPECIAL APPLICATION SOFTWARE

#### Dataline | MAS

The Dataline MAS Software is a tool that Dataline developed to audit print production companies. It calculates the exact cost and process time of each step in the print production process. The collected data is benchmarked against data and insights gathered in more than 20 years of MultiPress MIS/ERP business software experience at over 1,000 installations across Europe.

#### EFI | Fiery Barcode detection and enhancement

This new solution, part of the new EFI Fiery digital front ends coming to market for inkjet printers, automatically detects barcode objects, which reduces operator time to locate and mark the barcodes by hand, and lowers the cost for print shop owners. Fiery Barcode Enhancement technology optimizes the processing of barcode elements for a crisper, sharper barcode that is legible for scanners. The barcode adjustment is press specific and substrate dependent to ensure proper barcode image. Automatically detecting and applying the optimized adjustment only to the barcodes ensures high-quality prints without affecting other regions of the document.

#### EFI | FreeForm Create

Fiery FreeForm Create is a free, stand-alone variable data printing (VDP) application that enables quick and simple personalisation. It can handle the majority of personalisation functions, such as variable text, images, or barcodes, with just a few clicks, making it the ideal application for VDP novices and seasoned veterans alike.

# RESULTS

## SOFTWARE

Category	Company	Product	Judging results
Color management			<b>No Award in 2021</b>
	EFI	EFI ColorGuard	Finalist
	Lacunasolutions	Spectaproof	Finalist
Workflow technology			
	Agfa	Asanti V5	Finalist
	EFI	Firey Finishers	Nominee
	Mutoh	VerteLith	<b>Award Winner 2021</b>
	Onyx	Onyx 21.1	Finalist
	Onyx	Onyx Go	Finalist
Workflow technology for highspeed printers			<b>No Award in 2021</b>
	EFI	Fiery Universal Digital Front End	Finalist
	Solimar Systems	ReadyPDF Prepress Server	Finalist
Workflow solutions			
	Dataline	MultiFlow	Nominee
	Dataline	MultiPress Connect App	Nominee
	Durst	P5 350 HS	Nominee
	EFI	eFlow Automator	Finalist
	Elitron	Kombo TAV V2	Nominee
	Mutoh	VerteLith	Nominee
	Ricoh	TotalFlow Job Ticket	Finalist
	Zünd	Cut Center Pick & Place	Nominee
	Zünd	Prime Center	<b>Award Winner 2021</b>
Cloudbased workflow solutions			
	CGS	Color Cloud	<b>Award Winner 2021</b>
	Kodak	Prinergy On Demand	Finalist

# RESULTS

## SOFTWARE

Category	Company	Product	Judging results
<b>MIS (Planning, Control etc.)</b>			
	Dataline	MultiFlow	<b>Award Winner 2021</b>
	Dataline	MultiPress Connect App	Finalist
	EFI	Enterprise Mailing	Finalist
	Kodak	Prinergy on Demand	Nominee
<b>Software automation tools</b>			
	Dataline	MultiFlow	Nominee
	Dataline	MultiPress Connect App	Finalist
	Durst	P5 350 HS	Nominee
	EFI	Fiery Finishers	<b>Award Winner 2021</b>
	Onyx	Onyx 21.1	Nominee
<b>Special application software</b>			
	Dataline	MAS	<b>Award Winner 2021</b>
	EFI	Fiery Barcode	Finalist
	EFI	Fiery FreeForm Create	Finalist

\* EDP member submission.

(•) New or changed category.

Nominee: This product was nominated for an Award but recommended for an other category by the jury.

Finalist: This product was short-listed and one choice for an Award.

No Award in 2021: The jury did not suggest an award for this category this year.

Next year: This product is recommended for the next year's competition.

# WORKFLOW TECHNOLOGIES



## FINALISTS

Agfa | Asanti V5

Mutoh | VerteLith

Onyx | Onyx 21.1

Onyx | Onyx Go



It is a trend of recent years that workflow technologies combine more and more functions in one tool. Workflow solutions are becoming more and more the backbone of the print environment, allowing the entire process to be managed better and more efficiently. In this way, the submitted solutions fulfil the demand for simplification.

### THE WINNER Mutoh | VerteLith

The VerteLith software is built around the Harlequin host renderer, ensuring fast RIP processing times for both PDF and PostScript files, as well as handling of transparencies and spot colours. To avoid waste, the software includes powerful preview functionality, supporting soft proofing and on-screen RIP previewing of

the actual printed dots before printing.

VerteLith can also auto-generate white and/or varnish layers based on a selection of presets and it allows to perform ink-cost calculation prior to printing. The output can be prepared for the next step in the production process via the finishing toolset, allowing to perform flexible tiling and put crop marks or grommets.

### Technical Committee's opinion:

The VerteLith is an ideal RIP for smaller print shops. The RIP offers also functionality that you will find only at expensive RIP's from independent RIP vendors.

› [www.mutoh.eu](http://www.mutoh.eu)

# WORKFLOW SOLUTIONS

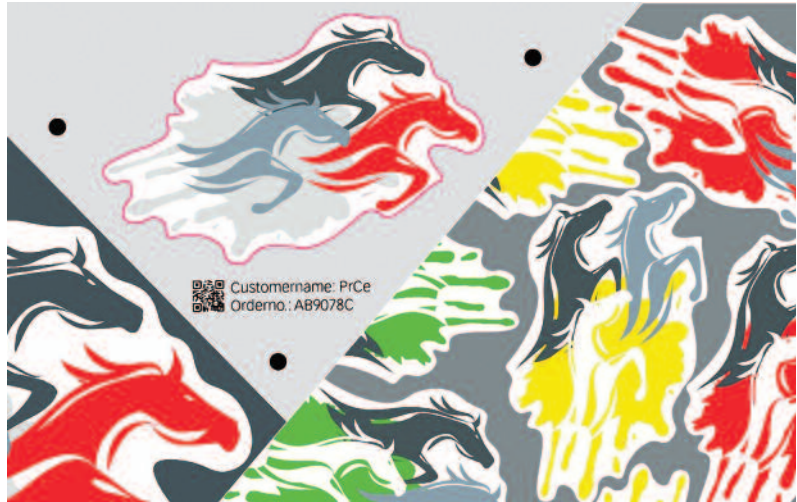


## FINALIST

EFI | eFlow Automator

Ricoh | TotalFlow Job Ticket

Zünd | Prime Center



Workflow solutions and automation go hand in hand. Automating a series of actions to complete a complex task with minimal effort makes workflow automation a necessary part of modern software systems.

## THE WINNER

### Zünd | Prime Center

PrimeCenter serves as the control centre for the creation of print and cut data and ensures a productive and efficient prepress workflow. Ready-nested print & cut layouts can be created with just a few clicks. Print & Cut workflows require flexible and simple data preparation on the production side.

With PrimeCenter, you can define your own workflow. The simple and automatable preparation of data for individual workflows saves time. The automatic nesting of data - based on its cutting contour - makes optimal use of the material. Preflight checks of the data ensure a fluid and efficient process.

## Technical Committee's opinion:

As result of cooperation between Zund and Caldera, the Zünd Prime Center helps to implement on the base of metadata and QR-codes automated workflows from prepress to postpress for companies with a big flow of small jobs.

› [www.zund.com](http://www.zund.com)

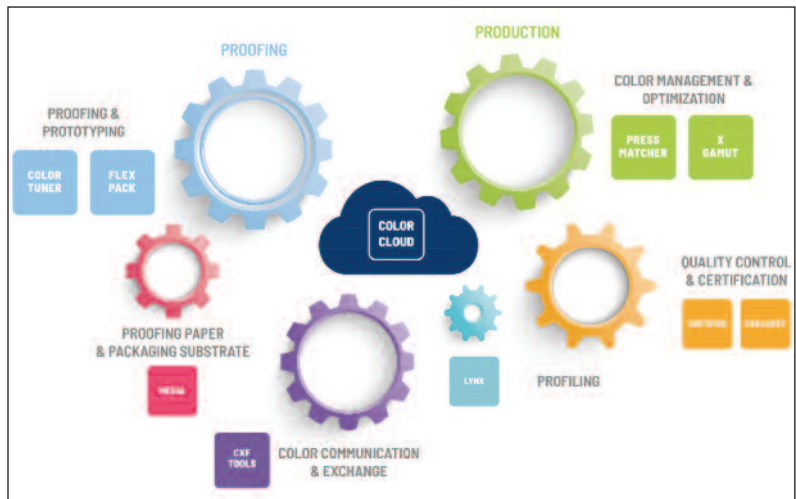
# CLOUDBASED WORKFLOW SOLUTIONS



## FINALISTS

CGS Oris | Color Cloud

Kodak | Prinergy On Demand



Communicating colors simply but precisely is becoming more and more important in our globalized world. But the daily business of many companies in the printing and packaging industry shows that a comprehensive and clear communication of color is still often a challenge.

## THE WINNER

### CGS Oris | Color Cloud

With CGS Oris Color Cloud the precise color communication is getting simple. The cloud-based server is the central solution with global access to share all color data, their specifications, properties, and printing behavior easily, fast, and safely. The tool is the silver bullet to keep all colors always up-to-date and exchange them company-wide as well as with external partners and suppliers like de-

signers, agencies, pre-press companies, printers, or ink manufacturers. All CGS Oris proofing and color management solutions, like Color Tuner, Flex Pack as well as Press Matcher, X Gamut or CXF Toolbox, have a seamless connection to the Color Cloud to enable a smooth, comfortable and efficient workflow.

### Technical Committee's opinion:

The CGS Color Cloud is an important step on the

path to an accurate cloud based color workflow. With CXF TOOLS CGS included a tool for quickly generate, manage, and analyze CXF data. And CXF is the open, spectral-based standard with the full and accurate description of every color on every media. It can be described as a master model for numerous workflow products and also for DTP software.

› [www.cgs-oris.com](http://www.cgs-oris.com)



# NICE AND COLOURFUL. BUT WE ARE LOOKING FOR COMMUNICATING SOLUTIONS.

Especially in times when comparing products at trade fairs and events is hardly possible, the **EDP AWARDS** provide orientation for investment decisions and give neutral recommendations. The annual competition, which is organised by 21 European trade magazines that are members of the European Digital Press Association (EDP), is the only technology award in Europe for the digital print business with an international focus. The search for the best hardware, software, print and finishing solutions is about the most innovative and powerful equipment for daily use in production companies.



The submission period for the **EDP Awards 2022** starts in a few weeks.

**Deadline is September 15, 2022.**

# MIS/ERP-SYSTEMS



## FINALISTS

Dataline | MultiFlow

Dataline | MultiPress  
Connect App

EFI | Fiery Finishers



Every graphic production company has processes for streamlining production. These processes aren't always linked to the relevant data, which means a lot of time is lost in searching, passing on and checking information. By building a bridge between these "islands", companies can automate the exchange of data and the taskmanagement.

### THE WINNER Dataline | MultiFlow

The MultiFlow module of MultiPress makes it possible to fully or partially automate workflows. This visualized workflow will be automated based on a customised set of rules. MultiFlow not only works within the MultiPress environment but also supports combinations with external applications. MultiFlow can also connect with 3rd party software or hardware for flexibility.

This integration of both external applications with MultiPress provides unprecedented linking possibilities. Moreover, its possible to respond extremely flexibly to different and unexpected circumstances.

### Technical Committee's opinion:

The structure of Multiflow is already known from a number of packages in the technical workflow. What is new here is the starting point from the administrative environment.

The administration is always leading in the execution of orders. It brings the control of the technical workflow back to the MIS package. Dataline's new MultiFlow in MultiPress can offer graphic production companies a future pathway to 'lights out' automation.

› [www.dataline.eu](http://www.dataline.eu)

## SOFTWARE AUTOMATION TOOLS



## FINALIST

Dataline | MultiPress  
Connect App

EFI | Fiery Finishers



Software, especially in pre-press, can also be automated. This is important for print shops, which more than ever before have to process an ever-increasing number of smaller jobs in the shortest possible time. Because when a print job arrives at the bindery, a mistake is more expensive than anywhere else in the production process.

## THE WINNER

### EFI | Fiery Finishers

EFI Fiery offers two solutions for producing fully finished products. . The first solution is the advanced integration with Fiery Impose and Duplo splitter/cutter/creasers. Operators can save up to 80% in setup time by automating job prep and eliminating manual data. The second solution is Fiery Finishing Designer, which provides a live preview of the job content

and allows operators to program the finishing variables. Operators can use the preview as a soft proof to verify that the job will be correctly finished — gaining increased production efficiency. Operators can create a Fiery server preset with the finisher marks and media settings to save time when running similar jobs in the future. Print providers can automate even more by using Fiery Hot Folders, Virtual Printers, Job Properties, Fiery JobFlow Base, or Fiery JobFlow.

## Technical Committee's opinion:

EFI Fiery Finishers can be a big step ahead in "small automation" of workflows till finishing step for a lot of small and medium digital printers that can't afford much more complex and expansive workflow systems. And they can continue to use EFI DFEs and software well know by operators.

› [www.efi.com](http://www.efi.com)

# SPECIAL APPLICATION SOFTWARE



## FINALIST

Dataline | MAS

EFI | Fiery Barcode

EFI | Fiery FreeForm Create



In addition to special applications for image and word processing or workflows, software for operational functions such as enterprise resource planning is playing an increasingly important role. However, there are only a few tools for monitoring the management, organization, strategy and production.

## THE WINNER Dataline | MAS

The Dataline MAS Software is a tool to audit print production companies. It calculates the exact cost and process time of each step in the print production process. The collected data is benchmarked against data gathered in more than 20 years at over 1,000 installations across Europe. The audited company gets a clear picture of the real

cost of each current (sub)process and the possible optimizations. Also, the workload of employees is analysed. The MAS Audit results in an overview of where a company can achieve efficiency gains by implementing MultiPress software modules.

### Technical Committee's opinion:

The Dataline MAS Software is a unique tool to audit print production companies. It can help to

estimate how effective is the print production comparing it with the data collected from many different real print companies. It can also be used as a tool to choose the most effective means of production when expanding capacity.

› [www.dataline.reu](http://www.dataline.reu)



FINALISTS AND WINNERS  
**PRINTING SYSTEMS**  
LARGE/WIDE FORMAT PRINTING

All submitted products (including those nominated by members of the EDP) have been extensively reviewed and evaluated by the **EDP TECHNICAL COMMITTEE**, the finalists have been nominated for an **EDP AWARD** and presented to the members for approval. The vote of the members decides which products receive one of the prestigious awards. Congratulations!

## ENTRIES

# PRINTING SYSTEMS

## LARGE/WIDE FORMAT PRINTING

The following product descriptions are based on the short submission texts of the competitors in the EDP Awards. They are slightly revised for this publication and do not represent the opinion of the EDP Technical Committee.

### ROLL-TO-ROLL PRINTER UP TO 170 CM

#### Mimaki | JV100-160

Offered at an entry-level price, the JV100-160 delivers best print performance at low running costs, proven technology, ease of use and the possibility to load 8 different colours. The JV100-160 features Greenguard Gold-certified eco-solvent ink, which is available in 600 ml ink pack with reusable eco-cases that eliminate the disposal of plastic. It also features the new Dot Adjustment System (DAS) function, which automatically performs bi-directional and media feed adjustments.

#### Ricoh | Pro L5130e / L5160e

The Ricoh Pro L5130e / L5160e extended gamut latex wide format printers were launched to open up print production opportunities with the option of orange and green inks. Based on Ricoh's inkjet head and ink technology competence, they were an evolution of the Ricoh Pro L5130 / L5160 latex wide format printers. The addition of green and orange inks to the already available white delivers a significantly extended colour gamut and allows the ac-

curate reproduction of a wider range of Pantone and brand colours. This helps save ink and can reduce ink consumption by a significant percentage.

Three Multiple Drops, staggered Ricoh GEN5 industrial print heads achieve print speeds of 46.7sqm per hour on outdoor high speed four colour mode and 25sqm per hour on indoor standard four colour mode. Print operations can also choose to run double CMYK for increased productivity and CMYK and White for transfer materials, metallics, and dark substrates.

### ROLL-TO-ROLL PRINTER UP TO 350 CM

#### swissQprint | Karibu S

The Karibu S roll to roll UV printer is designed for high performance in 24/7 operation. A special print head configuration makes the most of the possible printing speed. Which is no less than 330 sqm/h. Karibu S delivers astonishingly sharp text and images. What is more, it has unique features: the cassette system for easy loading and unloading, the Tip Switch Vacuum for precise vacuum control, a Light Box for instant quality control, a Mesh Kit for clean mesh and full bleed printing.

### ROLL-TO-ROLL PRINTER > 350 CM

#### Durst | P5 TEX iSUB

The P5 TEX iSUB is the new Durst water-based dye-sublimation printer, suitable for transfer paper printing and direct to polyester fabrics printing. The iSUB technology is a real innovation for the soft signage & fabrics printing market.

In addition, the dryer includes a System, which exhausts evaporation while printing and prevents ink mist and color set-off. To prevent material shrinking the printed material gets distanced from the heated plates when stop printing.

The Multiroll option, known from the P5 350 UV printers, allows to load two rolls in different positions to be more efficient and to save time (up to 30%).

The new water-based dye-sub ink Sublifix grants optimal performance in drying and a wider color gamut in CMYK (up to 10% more compared to the previous ink generation).

#### EFI | VUTEk Q5r

The fastest, most productive roll-to-roll display graphics printers in its class, the 5.2-metre wide EFI VUTEK Q5r printer runs at speeds up to 672 square metres per hour.

## ENTRIES

The new printer features up to nine ink colours (standard CMYK and optional lc, lm, lk, white and clear coat). It also has EFI UltraDrop Technology, featuring native 7-picolitre printheads with multi-drop addressability for high-definition image quality. Users gain smoothness in shadows, gradients and transitions, as well as precise and sharp 3-point size text with a true resolution of up to 1,200 dots per inch. Newly designed mobile operator touch screen stations for the VUTEK Q3r and Q5r printers offer operators maximum convenience.

#### **FLATBED/HYBRIDE PRINTER UP TO 100 sqm/h**

##### **Mimaki | JFX600-2513**

With the aim of tackling the high-end UV flatbed market, the new model bears a high number of print heads, allowing for the JFX600-2513 to reach speeds of more than 300% faster than its predecessor. The JFX500-2131 is available in a six colour configuration. With a maximum printing width of 2.5m x 1.3m and a thickness of 6cm, the JFX600-2513 is compatible with standard size signboard production, and their

direct-to-substrate capabilities also allow for printing on resin, wood, glass, and metal. The JFX600 is also capable of '2.5D' multilayered printing, creating raised texture effects for high-value, tactile applications.

#### **FLATBED/HYBRIDE PRINTER UP TO 250 sqm/h**

##### **EFI | Pro 30h**

The new EFI Pro 30h launching is a hybrid flatbed/roll-fed entry-level production printer. At 3.2 metres wide, the Pro 30h is ideal for commercial print shops and sign shops. With speeds up to 230 square metres per hour more jobs and faster turnarounds are possible. The printer also features an EFI Fiery proServer Core digital front end (DFE) with FAST RIP acceleration technology for quick file processing,

##### **swissQprint | Nyala 4**

Cost-effectiveness and versatility are key factors in the choice of a printing system. The swissQprint Nyala 4 flatbed printer embodies both attributes. Featuring a new quality level, Nyala provides users with even more possibilities. In fact, this printer redefines print quality. Also, it is highly efficient and provides a modular design for custom configuration.

#### **FLATBED/HYBRIDE PRINTER > 250 sqm/h**

##### **Agfa | Jeti Tauro H3300 UHS**

Highly productive UV LED wide-format inkjet printer range for rigid and flexible media. This hybrid large-format UV LED inkjet printer family combines award-winning print quality with extreme productivity, cutting-edge automation and low ink consumption.

##### **Durst | P5 350 HS**

See »Workflow solutions«.

##### **EFI | VUTEK XT**

The new EFI VUTEK XT hybrid flatbed/roll-to-roll printer brings the next generation of multi-pass imaging, ink delivery and dot placement technologies. The 3.2-metre wide printer is the redesigned, next-generation successor to the EFI VUTEK HS series of hybrid high-volume printers, and will deliver an productivity boost, printing more than 375 boards per hour.

The printer includes a new media transport that eliminates the need for material edge guides, ensuring highly accurate registration and smooth transport of even thick boards.

## ENTRIES

### PRINT & CUT SOLUTION

#### sautershop | SmartBench Precision Pro

The SmartBench is a large-format, fully automated CNC multitool that allows users to mill, cut or draw 2D and 3D designs on a wide range of sheet materials. Unique in the world of CNC, SmartBench is portable and storable. Industrial-grade, 3-axis CNC control means that SmartBench can produce anything from simple profiles to complex 3D geometries. Designed to be affordable, easy to learn, and space-efficient CNC solution on the market, SmartBench makes professional CNC technology accessible to small businesses.

### SPECIAL APPLICATION PRINTER

#### sautershop | SmartBench Precision Pro

See »Print & cut solution«.

### TEXTILE PRINTER ROLL-TO-ROLL UP TO 100 sqm/h

#### Mimaki | TS100-1600

The TS100-1600 provides a opportunity to meet the demands of the rapidly growing sublimation market and offers a good price/performance

ratio, with print speeds that go twice as fast (up to 70 sqm/h) compared to Mimaki's previous dye sublimation models. It also features an ECO Passport-certified ink and the new Dot Adjustment System (DAS) function, which automatically performs bi-directional and media feed adjustments.

#### Mutoh | XpertJet 1642WR

The XpertJet 1642WR is based on Mutoh's XpertJet printer platform, incorporates two new generation extra wide 1,600 nozzle AccuFine print heads, installed in a staggered setup.

The XpertJet 1642WR will deliver a production speed up to 61 sqm/h. Top engine speed is 98 sqm/h. Targeted at the sublimation transfer market, the printer will deliver high quality graphics for transfer onto all possible flexible and rigid polyester materials: instore textile décor graphics and displays, soft signage and graphics for events and tradeshow, home decoration, flags and pennants, sports goods (snowboards, helmets), gadgets (mugs, home decoration, flags and pennants, sports goods (snowboards, helmets), gadgets (mugs, umbrellas, mouse mats) and apparel (fast fashion, blouses, sportswear, outdoor jackets, T-

shirts). The printer will also print directly onto closed coated polyester fabrics or mixed fibres. Four different head heights can be used, from 1.5 mm to 4 mm.

### TEXTILE PRINTER ROLL-TO-ROLL > 100 sqm/h

#### Agfa | Avinci CX3200

Agfa's dedicated dye sublimation roll-to-roll printer will enable you to create vibrant high-quality prints on polyester-based fabrics up to 3.2 m wide, including a broad range of in- and outdoor soft signage applications, as well as interior decoration. The Avinci CX3200 is a highly reliable and convenient soft signage printer that is able to print directly to fabrics, as well as onto transfer paper. It uses an off-line calender unit to ensure perfect fixation.

#### EFI | VUTEk FabriVU 340i+

The EFI VUTEK FabriVU 340i + is designed for the widest application range, lowest TCO, and highest ink yield in the market. The new printer – which features EFI's proven, successful in-line sublimation technology – builds on a 75-year experience of industrial textile printing with EFI Reggiani technology.



## ENTRIES

The printer features eight printheads. The new printheads and electronics on the printer delivers better saturation with more density with no performance hit.

The printer can print on transfer paper or direct to fabric with the same inkset. The VUTEk FabriVU 340i+ has a top print speed up to 462 sqm/h.

The printer is also available in a model without in-line sublimation, the EFI VUTEk FabriVU 340+.

### TEXTILE PRINTER ROLL-TO-ROLL INLINE FINISHING

#### Durst | Durst P5 TEX iSUB

See »Roll-to-roll printer > 350 cm«

#### EFI | VUTEk FabriVU 340+

See »Textile Printer roll-to-roll > 100 sqm/h«

### DIRECT TO GARMENT PRINTER

#### Kornit | XDi technology

The XDi technology enable a revolutionary 3D premium applications that produce unlimited effects via a digital, single step, sustainable process. For the first time in direct to garment printing,

The XDi technology offers digital 3D applications, replacing existing analog processes. The XDi offers unlimited number of 3D effects in one print including threadless embroidery, high density, vinyl, screen transfer and more. The unique process is done easily using the XDi Digitizer Tool to instantly transform 2D designs into ready-to-print 3D effects and unique textures and printing it with the Atlas Max that includes the XDi Technology. With this Kornit eliminates complicated and complex processes and transform them to digital, simple and sustainable. The XDi offers a new dimension of unlimited creative freedom, unprecedented capabilities, and exciting business opportunities.

#### Mimaki | TS100-1600

See »Textile printer roll-to-roll up to 100 sqm/h«

#### Mutoh | XpertJet 1642WR

See »Textile printer roll-to-roll up to 100 sqm/h«

#### Ricoh | Ri 2000

The Ricoh Ri 2000 Direct to Garment (DTG) turnkey printer was developed to meet the needs of innovative digital print providers, custom apparel online retailers, as well as traditional

businesses offering added value by printing on garments. Production flexibility is enabled by the quick-change magnetic platen mechanism and the automatic table height adjustment that easily switches between garment types. The 1,200 x 1,200 dpi next generation system sets a new benchmark in terms of productivity and efficiency in its class. This is achieved by integrating hardware and advanced software end-to-end. It enables colour consistency, automation of production workflows, and creation of white layers for printing on dark garments with ColorGATE's Textile Productionserver while continuous monitoring of ink supply, temperature and humidity levels, reduces human interaction whenever required. A 7-inch intuitive colour touchscreen display provides maintenance alerts for all tasks that are not automated. It also simplifies maintenance with automated cleaning and an innovative head cleaning jig that eliminates the need to manually maintain print head nozzles.

# RESULTS

## PRINTING SYSTEMS

### LARGE/WIDE FORMAT PRINTING

Category	Company	Product	Judging results
Roll-to-roll printers < 170 cm	Mimaki	JV100-160	Finalist
	Ricoh	Pro L5130e/L5160e	<b>Award Winner 2021</b>
Roll-to-roll printer < 350 cm	swissQprint	Karibu S	Finalist
			<b>No Award in 2021</b>
Roll-to-roll printer > 350 cm	Durst	P5 TEX iSUB	Nominee
	EFI	VUTEk Q5r	<b>Award Winner 2021</b>
Flatbed/hybrid printer < 100 sqm/h	Mimaki	JFX600-2513	<b>Award Winner 2021</b>
Flatbed/hybrid printer < 250 sqm/h	EFI	EFI Pro 30h	Finalist
	swissQprint	Nyala 4	<b>Award Winner 2021</b>
Flatbed/hybrid printer > 250 sqm/h	Agfa	Jeti Tauro H3300 UHS	<b>Award Winner 2021</b>
	Durst	P5 350 HS	Finalist
	EFI	VUTEk XT	<a href="#">Next year</a>
Print & cut solution	sautershop	SmartBench Precision Pro	Finalist
			<b>No Award in 2021</b>
Special application printer	sautershop	SmartBench Precision Pro	Nominee
			<b>No Award in 2021</b>

# RESULTS

## PRINTING SYSTEMS

### LARGE/WIDE FORMAT PRINTING

Category	Company	Product	Judging results
<b>Textile printer roll-to-roll &lt; 100 sqm/h</b>			
	Mimaki	TS100-1600	<b>Award Winner 2021</b>
	Mutoh	XpertJet 1642WR	Finalist
<b>Textile printer roll-to-roll &gt; 100 sqm/h</b>			
	Agfa	Avinci CX3200	Finalist
	EFI	VUTEk FabriVU 340+	Nominee
<b>Textile printer roll-to-roll inline finishing</b>			
	Durst	P5 TEX iSUB	<b>Award Winner 2021</b>
	EFI	VUTEk FabriVU 340+	Finalist
<b>Direct to garment printer</b>			
	Kornit	XDI Technology	<b>Award Winner 2021</b>
	Mimaki	TS100-1600	Finalist
	Mutoh	XpertJet 1642WR	Finalist
	Ricoh	Ri 2000	Finalist

\* EDP member submission.

(•) New or changed category.

Nominee: This product was nominated for an Award but recommended for an other category by the jury.

Finalist: This product was short-listed and one choice for an Award.

No Award in 2021: The jury did not suggest an award for this category this year.

Next year: This product is recommended for the next year's competition.

## ROLL-TO-ROLL PRINTERS < 170 CM



### FINALISTS

Mimaki | JV100-160

Ricoh | Pro L5130e /  
L5160e



The areas of application for large format printing range from technical documents in engineering offices and agencies to displays and banners in advertising agencies and print shops. Especially the machines under 170 cm wide are extremely widespread and offer impressive quality and speed. An important factor as the cost per print is getting lower and lower.

### THE WINNER

Ricoh | Pro L5130e /  
L5160e

Based on Ricoh's inkjet head and ink technology competence, the printers offer with the addition of green and orange inks to the already available white a significantly extended colour gamut and allows the accurate reproduction of a wider range of Pantone and brand colours.

This can reduce ink consumption by a significant percentage.

Three Multiple Drops, staggered Ricoh GEN5 industrial print heads achieve print speeds of 46.7sqm per hour on outdoor high speed four colour mode and 25sqm per hour on indoor standard four colour mode. Print operations can also choose to run double CMYK for increased productivity and CMYK and White for transfer materials, metallics, and dark substrates.

### Technical Committee's opinion:

The Ricoh Pro L5130e / L5160e is the only one wideformat latex printer with extended gamut printing option with orange and green inks and the most versatile model with three different color configuration for selection.

› [www.ricoh-europe.com](http://www.ricoh-europe.com)

## ROLL-TO-ROLL PRINTERS > 350 CM



### FINALISTS

#### EFI | VUTEk Q5r



The 3.5 meter market is expanding rapidly with many players. Almost every manufacturer now has a solution in this segment. The 3.5 market is offered in UV, Solvent and water-based inks. Today the speed and quality matches the small large format printing devices.

#### THE WINNER EFI | VUTEk Q5r

The fastest roll-to-roll display graphics printers in its class, the 5.2-metre wide EFI VUTEk Q5r printer runs at speeds up to 672 square metres per hour. The new printer features up to nine ink colours (standard CMYK and optional lC, lM, lK, white and clear coat). It also has EFI UltraDrop Technology, featuring native 7-picolitre printheads with multi-drop addressability for

high-definition image quality. Users gain outstanding smoothness in shadows, gradients and transitions, as well as precise and sharp 3-point size text with a true resolution of up to 1,200 dots per inch. The printer's UV LED curing ensures cost savings and more environmentally friendly printing.

#### Technical Committee's opinion:

EFI VUTEk Q5r is a 5-metre wide printer that combines a high speed

printing with the accuracy of drop placement. So it can be used for outdoor applications as well as indoor applications without limitations.

› [www.efi.com](http://www.efi.com)

## FLATBED/HYBRID PRINTER < 100 sqm/h



### FINALISTS

Mimaki | JFX600-2513



Flatbed printers have become indispensable machines in large format printing and are becoming increasingly interesting in terms of the variety of applications they can be used for. Almost anything can now be printed with UV inks.

### THE WINNER Mimaki | JFX600-2513

With the aim of tackling the high-end UV flatbed market, the new model bears a substantially higher number of print heads, allowing for the JFX600-2513 to reach speeds of more than 300 percent faster than its predecessor. Available in a six colour configuration, the wide variety of ink sets facilitates vibrant, intense colours perfect for striking

indoor and outdoor signage and display graphics.

With a maximum printing width of 2.5m x 1.3m and a thickness of 6cm, the JFX600-2513 is compatible with standard size signboard production, and their direct-to-substrate capabilities also allow for printing on resin, wood, glass, and metal. The JFX600 is also capable of '2.5D' multilayered printing, creating raised texture effects for high-value, tactile applications.

### Technical Committee's opinion:

The JFX600-2513 is a strong addition to Mimaki's flatbed offering. Higher print speeds and, if desired, an expanded ink set make it a very competitive model. Mimaki has also built in support for IoT as standard, making it possible to connect to robotic input and output systems.

› [www.mimakieurope.com](http://www.mimakieurope.com)

## FLATBED/HYBRID PRINTER < 250 sqm/h



### FINALISTS

EFI | Pro 30h

swissQprint | Nyala 4



Cost-effectiveness and versatility are key factors in the choice of a printing system. In addition, it is possible to configure the printers to the applications and media as well as to the desired productivity level. This is because flatbed printers usually offer the option of processing rolls as well.

### THE WINNER

#### swissQprint | Nyala 4

Cost-effectiveness and versatility are key factors in the choice of a printing system. The swissQprint Nyala 4 flatbed printer embodies both attributes. Featuring a new quality level, it enables provides users with even more possibilities to distinguish themselves from their competition. In fact, this printer redefines print quality. Also, it is highly

efficient and provides a modular design for custom configuration. Effect varnish printing for haptic and optical 3D effects (droptix), neon inks for the most dazzling signage, 100% accurate multilayer printing, register-true double-sided printing.

#### Technical Committee's opinion:

This 4th generation Nyala builds on the existing foundation while offering some serious improve-

ments. The printing machine has been renewed, allowing higher print resolution and more ink to be applied in a single pass. The TipSwitch vacuum eliminates the need for masking on the table. And finally, with its environmentally friendly values, swissQprint Nyala can be considered a benchmark in large format printing.

› [www.swissqprint.com](http://www.swissqprint.com)

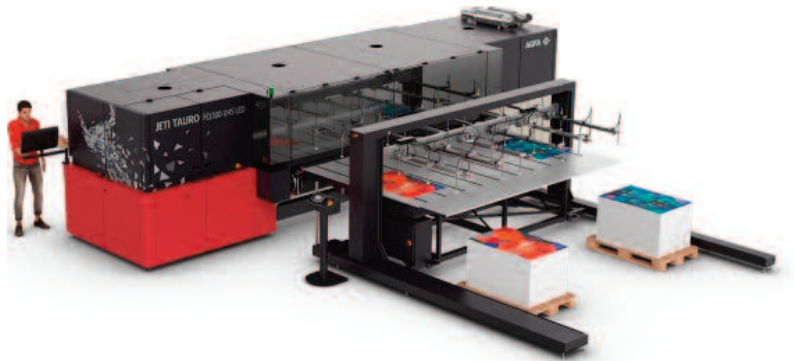
# FLATBED/HYBRID PRINTER > 250 sqm/h



## FINALISTS

Agfa | Jeti Tauro H3300 UHS

Durst | P5 350 HS



Industrial printers are located in the 250 sqm/h category and above. This market is highly competitive and offers astonishing developments at the highest technical level year after year.

### THE WINNER

Agfa | Jeti Tauro H3300 UHS

Highly productive UV LED wide-format inkjet printer range for rigid and flexible media. This hybrid large-format UV LED inkjet printer family combines print quality with productivity, automation and low ink consumption.

The UHS model is equipped with additional print

heads, a high-speed loader to process media even faster, built in 20-liter ink tanks, strengthened the beam and the linear motors, and added a more powerful PC to process large files or large numbers of jobs. The UHS model has an extended automatic loader and unloader. The former features a double-gantry setup for even smoother and faster loading, in sync with the engine's phenomenal printing speed.

### Technical Committee's opinion:

Agfa redeveloped the Jeti Tauro platform in a large number of ways to enable this fast Tauro H3300 UHS. It brings the Tauro platform to the next level, putting more volume applications within reach. Equipped with a high-speed loader with a double gantry ensures it that the high printing speed is also used to its full potential

› [www.agfa.com](http://www.agfa.com)



# YEAH, PRETTY NICE. BUT WE ARE LOOKING FOR MUCH MORE PRECISE SOLUTIONS.



Especially in times when comparing products at trade fairs and events is hardly possible, the **EDP AWARDS** provide orientation for investment decisions and give neutral recommendations. The annual competition, which is organised by 21 European trade magazines that are members of the European Digital Press Association (EDP), is the only technology award in Europe for the digital print business with an international focus. The search for the best hardware, software, print and finishing solutions is about the most innovative and powerful equipment for daily use in production companies.



The submission period for the **EDP Awards 2022** starts in a view weeks.

**Deadline is September 15, 2022.**

## TEXTILE PRINTER ROLL-TO-ROLL < 100 sqm/h



### FINALISTS

Mimaki | TS100-1600

Mutoh | XpertJet  
1642WR



Textiles and clothing have become an integral part of the large-format printing landscape and are increasingly making the transition from analogue to digital printing. Some companies have recognized this trend at an early stage and introduced high-performance solutions in this market segment.

### THE WINNER Mimaki | TS100-1600

The TS100-1600 provides an opportunity for textile production companies to meet the demands of the rapidly growing sublimation market. It is one of the 100 series machines, Mimaki's latest product range of high performance printers.

The TS100-1600 offers print speeds that go twice as fast (up to 70 sqm/h) compared to Mimaki's

previous dye sublimation models. It also features an ECO PASSPORT-certified ink and the new Dot Adjustment System (DAS) function, which automatically performs bi-directional and media feed adjustments.

### Technical Committee's opinion:

Sometimes just the excellent price/performance ratio changes it's all! This affordable but productive and reliable printer opens doors to textile printing

area to new companies and it's a wishful addition for companies that going to scale textile printing capacity. Mimaki also propose very competitive price for inks so it's a ready solution, not just a printer.

› [www.mimakieurope.com](http://www.mimakieurope.com)

# TEXTILE PRINTER ROLL-TO-ROLL INLINE FINISHING



## FINALIST

Durst | P5 TEX iSUB

EFI | VUTEk FabriVU 340+



The soft signage market is experiencing enormous growth rates in all areas of application - from visual communication and decor to textile clothing. In 2019, global sales amounted to around 19.2 billion US dollars. The market is expected to grow by 60% to about US\$ 31 billion in 2023.

## THE WINNER

Durst | P5 TEX iSUB

The P5 TEX iSUB is the new Durst water-based dye-sublimation printer, suitable for transfer paper printing and direct to polyester fabrics printing. The iSUB technology is the integrated IR inline fixation for direct printing, which represents a real game changer for the soft signage & fabrics printing market. To prevent material shrinking the newly developed auto media tilt

ensures that the printed material gets distanced from the heated plates when stop printing.

The Multiroll option, known from the P5 350 UV printers, allows to load two rolls in different positions to be more efficient and to save time (up to 30%).

### Technical Committee's opinion:

The Durst P5 TEX iSub is not the only printer with inline finishing for printing directly on top of the tex-

tile. The IR inline fixation is very efficient. The new Sublifix ink in combination with the in-house developed system makes it possible to maintain the high printing speed and a high print quality when using the inline finisher. This system brings Durst back on the front row if it comes to printing on polyester fabrics.

› [www.durst-group.com](http://www.durst-group.com)

# DIRECT TO GARMENT PRINTER



## FINALIST

Kornit | XDi Technology

Mimaki | TS100-1600

Mutoh | XpertJet  
1642WR

Ricoh | Ri 2000



Textiles and clothing have become an integral part of the landscape of large format printing and are increasingly undergoing a transformation from analogue to digital printing. Mtex recognized this trend early and introduced powerful solutions in this market segment.

## THE WINNER Kornit | XDi Technology

The XDi technology enable 3D premium applications that produce unlimited effects via a digital, single step, sustainable process. For the first time in direct to garment printing, the XDi technology offers digital 3D applications, replacing existing analog processes. The XDi offers unlimited number of 3D effects in one print including

threadless embroidery, high density, vinyl, screen transfer and more.

## Technical Committee's opinion:

This is a real innovation for garment printing - Kornit XDi technologie allows to implement 3D decorative applications by multi-layer printing. You can imitate embroidery with with a single-step solution. You can provide you customers with unique and valuable products. It's already implemented in

Kornit Atlas MAX printer. The XDi technology adds value to the print, especially for e commerce platforms. This is an interesting extension of the possibilities for DtG.

› [www.kornit.com](http://www.kornit.com)



FINALISTS AND WINNERS  
**PRINTING SYSTEMS**  
COMMERCIAL PRINTING

All submitted products (including those nominated by members of the EDP) have been extensively reviewed and evaluated by the **EDP TECHNICAL COMMITTEE**, the finalists have been nominated for an **EDP AWARD** and presented to the members for approval. The vote of the members decides which products receive one of the prestigious awards. Congratulations!

## ENTRIES

# PRINTING SYSTEMS

## COMMERCIAL PRINTING

The following product descriptions are based on the short submission texts of the competitors in the EDP Awards. They are slightly revised for this publication and do not represent the opinion of the EDP Technical Committee.

### CUTSHEET PRINTER COLOR UP TO B3 > 200,000 A4/MONTH

#### Canon | imagePRESS C10010VP series

The imagePRESS C10010VP series is the highest end model of the imagePRESS color series with the stability, image quality, productivity and robustness required for the commercial print market. High Resolution Print Quality is assured by providing 2,400 x 2,400 dpi resolution and printing on 190 dot and 200 lines. It delivers outstanding color consistency from first to last pages of large print runs.

### CUTSHEET PRINTER COLOR UP TO B3 > 500,000 A4/MONTH

#### Kodak | Ascend Digital Press

Kodak Ascend Digital Press is the first EP press designed to print heavy weight substrates at long lengths with CMYK and flat foil embellishments in one pass. This new press enables any company to enter and thrive in the retail/POP and folding carton markets with a more cost-effective solution than current EP presses or flatbed inkjet. One Pass. One Press.

### WEB FED PRINTER MONOCHROME

#### Screen | Truepress Jet520HD mono

The new Truepress Jet520HD mono is a roll-fed High-Speed monochrome inkjet press and the latest addition to Screen's range of Truepress models. Technically based on the existing colour models however the device is optimized for monochrome printing and combines many features with a flexible system configuration (inline or near-line finishing).

### WEB FED COLOR UP TO 550 MM WEB WIDTH

#### Kodak | Prosper Ultra 520 Press

Powered by Kodak Ultrastream Continuous Inkjet Technology, the Prosper Ultra 520 will close the gap with offset. The press offers low-cost consumables, productivity and the flexibility of variable print. Ready for commercial printers producing direct mailers, inserts, catalogs and books.

### WEB FED COLOR UP TO 800 MM WEB WIDTH

#### Canon | ColorStream 8000 series

The ColorStream 8000 series is the fourth generation of the market-lea-

ding ColorStream web-fed inkjet press family. New print heads and water-based pigment inks raise the print quality with speeds up to 160 m/min. All this is powered by a new controller for optimal performance. Operator maintenance is highly automated to increase productivity. The print width of up to 560 mm gives imposition freedom for promotional pieces and best n-up imposition for book printers.

### LABEL PRINTER > 321 MM WEB WIDTH

#### Screen | Truepress Jet 350UV SAI S

The Screen Truepress Jet L350UV SAI-S prints on substrate widths up to 350 mm wide with a maximum print speed of 60 m/pm. The new SAI platform is both compact and extremely configurable to accommodate requirements today.

The colour configuration can be a 4-colour CMYK device up to a 7-colour configuration including White, Orange and Blue. The SAI-S uses a new brighter white ink and improved printing speed of 50 m/pm a 60% increase on the previous model.

# RESULTS

# PRINTING SYSTEMS

## COMMERCIAL PRINTING

Category	Company	Product	Judging results
Cutsheet printer color up to B3 > 200,000 A4/month	Canon	imagePRESS C10010VP Series	<b>Award Winner 2021</b>
Cutsheet printer color up to B3 > 500,000 A4/month	Kodak	Ascend Digital Press	<b>No Award in 2021</b> Finalist
Web fed printer monochrome	Screen	Truepress Jet520HD mono	<b>No Award in 2021</b> Finalist
Web fed color up to 550 mm web width	Kodak	Prosper Ultra 520 Press	<b>No Award in 2021</b> Finalist
Web fed color up to 800 mm web width	Canon	ColorStream 8000 series	<b>No Award in 2021</b> Finalist
Label Printer > 321 mm web width	Screen	Truepress Jet 350UV SAI S	<b>Award Winner 2021</b>

\* EDP member submission.

(•) New or changed category.

Nominee: This product was nominated for an Award but recommended for an other category by the jury.

Finalist: This product was short-listed and one choice for an Award.

No Award in 2021: The jury did not suggest an award for this category this year.

Next year: This product is recommended for the next year's competition.

# CUTSHEET PRINTER COLOR UP TO B3 > 200,000 A4/MONTH



## FINALIST

Canon | imagePRESS  
C10010VP series



Until recently, this market was dominated by toner machines. In the meantime, inkjet solutions are also being offered. But the developments in toner machines are obviously far from complete. But the really big improvements are rare. Exceptions confirm the rule.

## THE WINNER

Canon | imagePRESS  
C10010VP series

The series is the highest end model of the imagePRESS color series with the stability, image quality, productivity and robustness required for the commercial print market. High resolution print quality is assured by providing 2,400 x 2,400 dpi resolution. It delivers color consistency from first to last pages of large print runs on the fly during print-run.

Accurate front to back registration of < 0.5mm is appreciated well. Thanks to dual fusing units and elastic transfer belt, imagePRESS C10010VP series provides productivity up to 6,000 images per hour regardless of media weight and texture.

### Technical Committee's opinion:

Canon imagePRESS C10010VP has a lot of innovations: from automated spectrobased systems for color control and stabi-

lity to dual fixing and better media-handling. This is an excellent example of useful innovations that can to give a new life to a proven digital press. Of course, the machine is a further development. It uses completely new automation modules that increase productivity enormously. Canon thus shows that something is still possible even with toner machines. That's a real benefit for users.

> [www.canon-europe.com](http://www.canon-europe.com)



# YEAH, PRETTY NICE. BUT WE PREFER MORE CONTEMPORARY SOLUTIONS.



Especially in times when comparing products at trade fairs and events is hardly possible, the **EDP AWARDS** provide orientation for investment decisions and give neutral recommendations. The annual competition, which is organised by 21 European trade magazines that are members of the European Digital Press Association (EDP), is the only technology award in Europe for the digital print business with an international focus. The search for the best hardware, software, print and finishing solutions is about the most innovative and powerful equipment for daily use in production companies.



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**Deadline is September 15, 2022.**

## LABEL PRINTER &gt; 321 MM WEB WIDTH




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**FINALISTS**

Screen | Truepress Jet  
350UV SAI S



They have long been more than decoration and are taking on more and more functions. In addition to the marketing aspect that a label has for a brand, the flexible stickers are also increasingly used for counterfeit protection. The development of printing technology, new inks and substrates as well as finishes also make it possible to integrate completely new functions into labels.

**THE WINNER**  
Screen | Truepress Jet  
350UV SAI S

The Screen Truepress Jet L350UV SAI-S is an UV inkjet label press and prints on substrate widths up to 350 mm wide with a maximum print speed of 60 m/pm. The new SAI platform is compact but also able to expand its capabilities should market trends dictate. The colour configuration can incorporate a 4-

colour CMYK device up to a 7-colour configuration including White, Orange and Blue. The additional colours extend the gamut and can also reduce the amount of ink. The SAI-S uses a new brighter white ink and improved printing speed of 50 m/pm a 60% increase on the previous model. As well as configurable and field upgradable colour inkjet modules, there is also space for an additional inkjet module (retrofitable) to accommodate a functional inkset.

**Technical Committee's opinion:**

Software increasingly makes the difference. This is also the case with the Truepress Jet L350UV SAI S. Controlled by the front-end developed by SAi, it makes it easier to use this printer for a variety of short-run label productions, and Screen made various substantial improvements that benefit both quality and speed.

› [www.screeneurope.com](http://www.screeneurope.com)



FINALISTS AND WINNERS  
**INDUSTRIAL SOLUTIONS**  
PRINT & FINISHING

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## ENTRIES

# INDUSTRIAL SOLUTIONS

## PRINT & FINISHING

The following product descriptions are based on the short submission texts of the competitors in the EDP Awards. They are slightly revised for this publication and do not represent the opinion of the EDP Technical Committee.

### FOLDING CARTON SOLUTION

#### Durst | P5 350 HS

See »Workflow solutions«.

#### Kodak | Ascend Digital Press

See »Cutsheet printer color up to B3 > 500,000 A4/month«

### CORRUGATED SOLUTION

#### Durst | P5 350 HS

See »Workflow solutions«.

#### Elitron | Kombo TAV V2

See »Workflow solutions«.

### WALL PAPER PRODUCTION

#### Fotoba | XLA170

The XLA170 is controlled by barcode. When the printed size on the roll media changes, it stops and moves the slitters into the correct position and continues to cut automatically. A big step forward to unattended finishing

With traditional X/Y cutters, the operator has to know the end of a job and stop the cutter to reposition the blades. The new XLA does this operation automatically, removing operator's errors completely.

The XLA170 allows fast variable size cutting. With the new XLA170 up to 12 rotary blades are cutting at the same time at the maximum speed of 60 linear feet per minute. The XLA 170 offers low maintenance costs and self-sharpening rotary blades. Precision cutting of wallpaper for butt joint application on variable sizes. The barcode positioning with accuracy within 1/10th of a millimeter, allows to trim wallpaper in variable sizes.

### TEXTILE PRODUCTION

#### Durst | P5 TEX iSUB

See »Roll-to-roll printer > 350 cm«

#### Kornit | XDI Technology

See »Direct to garment printer«

#### Ricoh | Ri 2000

See »Direct to garment printer«

### INDUSTRIAL INKJET

#### Agfa | InterioJet 3300

The InterioJet 3300 is a multi-pass, water-based inkjet system for printing on decor paper used for interior decoration, such as laminate floors and furniture. Boasting a fast start-up as well as brilliant and consistent finishing quality, it offers suppliers of

laminated surfaces the highest degree of designer freedom and enables them to deliver just-in-time, customized interior decoration.

The water-based inkjet printing system is the ideal solution for short and medium production runs. Its combination of a speedy start-up and a high degree of versatility enables suppliers of laminated surfaces to meet the interior decoration market's demand for just-in-time delivery and for customized designs.

### LEATHER SOLUTION

#### Agfa | Alussa eTU25

A revolutionary leather decoration solution that integrates UV inkjet technology in the leather tanning process to create prints in any quantity and reaching the highest performance requirements in flexibility and abrasion.

The Alussa technology consists of different components, all specially developed with a focus on genuine leather. It incorporates the Alussa eTU25 industrial inkjet printer, Alussa iUL10 full color & white ink sets, Asanti workflow and color management tools, and the unique Alussa coating formulation, developed in collaboration with TFL.

# RESULTS

## INDUSTRIAL SOLUTIONS

### PRINT & FINISHING

Category	Company	Product	Judging results
<b>Folding carton solution</b>			
	Durst	P5 350 HS	Finalist
	Kodak	Ascend Digital Press	<b>Award Winner 2021</b>
<b>Corrugated solution</b>			
	Durst	P5 350 HS	<b>Award Winner 2021</b>
	Elitron	Kombo TAV V2	Finalist
<b>Wall paper production</b>			
	Fotoba	XLA 170	Finalist
<b>Textile production</b>			
	Durst	P5 TEX iSUB	Nominee
	Kornit	XDI Technology	Nominee
	Ricoh	Ri 2000	Nominee
<b>Industrial Inkjet</b>			
	Agfa	InterioJet 3300	<b>Award Winner 2021</b>
<b>Leather solution</b>			
	Agfa	Alussa eTU25	Finalist

\* EDP member submission.

(•) New or changed category.

Nominee: This product was nominated for an Award but recommended for an other category by the jury.

Finalist: This product was short-listed and one choice for an Award.

No Award in 2021: The jury did not suggest an award for this category this year.

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# FOLDING CARTON SOLUTION



## FINALISTS

Durst | P5 350 HS

Kodak | Ascend Digital Press



The market for folding cartons is hotly contested - especially with industrial solutions that require significant investments. The entry-level segment for printers who have to produce small quantities of folding cartons has so far been left out of the equation.

### THE WINNER

**Kodak | Ascend Digital Press**

The universal 5-color sheetfeed dry toner digital press is a press designed to print heavy weight substrates (up to 687 gsm or 762 microns) at long lengths with CMYK and foil embellishments in one pass on media with format up to 356 x 1219 mm. You have available 13 different toners for this press, including opaque

white, foil, antimicrobial dry ink, matte finishes and spot coating. The Kodak Ascend is a combination of digital printing and in-line finishing (for example book covers, greeting cards etc.) and can also produce short runs of folding cartons.

### Technical Committee's opinion:

The fact that the jury nominated a universal solution like the Kodak Ascend for this category is due to the uniqueness of

the machine. More than just an ordinary toner machine, it combines CMYK printing with foil finishing in a single pass, as well as printing on board and large format sheets.

The press opens up new markets for users without having to forego classic digital printing applications.

› [www.kodak.com](http://www.kodak.com)

# CORRUGATED SOLUTION



## FINALIST

Durst | P5 350 HS

Elitron | Kombo TAV V2



The global corrugated board market size was valued at US\$ 90.79 billion in 2020 and is expected to grow at a compound annual growth rate of 6.5% from 2021 to 2028. Rising demand for greener packaging solutions and increasing packaging needs of e-commerce platforms are anticipated to drive market growth.

## THE WINNER

Durst | P5 350 HS

The P5 350 HS is the hybrid solution for roll and board printing up to 3.5 m and reaches a productivity up to 650 sqm/h (7,000 sq.ft/h). Fast media change, easy maintenance handling and full safety render the printing process a way more efficient. Durst Workflow is a browser-based data management handling system that includes

pre-press functionality as well as ripping. The proven workflow for PDF toolbox, color management and rip engine ensures highest quality and ink cost optimization.

### Technical Committee's opinion:

There is a clear trend towards printing smaller runs of corrugated cardboard on digital presses. The high-speed model of the Durst P5 350 fits in well with this trend. At the same time, the de-

sign of the printer means that it can also handle other substrates well. This makes it a good starting point for service print providers who want to expand their market towards packaging.

› [www.durst-group.com](http://www.durst-group.com)

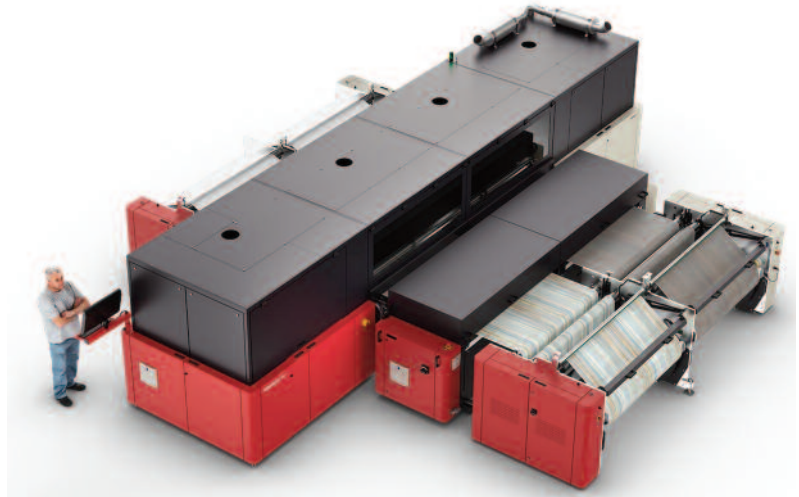
# INDUSTRIAL INKJET



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## FINALIST

Agfa | InterioJet 3300



It has become so self-evident that one hardly notices it anymore: printed graphics are everywhere. On the floor, on the wall and on the table. In kitchens, offices and bathrooms. Printed surfaces are indeed ubiquitous. That's why the market for digital printing solutions has taken off.

### THE WINNER

Agfa | InterioJet 3300

The InterioJet 3300 is a multi-pass, water-based inkjet system for printing on decor paper used for interior decoration, such as laminate floors and furniture.

The InterioJet will accelerate the transformation from analog to digital printing in the laminated surface market. This water-based inkjet printing system is the cost-

efficient solution for short and medium production runs. Its combination of a speedy start-up and versatility enables suppliers of laminated surfaces to meet the interior decoration market's demand for just-in-time delivery and for customized designs.

at the industrial market for printing laminate patterns on decor paper. It is contributing to the transition from the analogue to digital printing process and enables a faster response to market needs.

› [www.agfa.com](http://www.agfa.com)

### Technical Committee's opinion:

Agfa shows here how change an existing print engine so it can be successfully combined with a new ink specifically aimed





## FINALISTS AND WINNERS **FINISHING & ENHANCEMENT**

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## ENTRIES

# FINISHING

The following product descriptions are based on the short submission texts of the competitors in the EDP Awards. They are slightly revised for this publication and do not represent the opinion of the EDP Technical Committee.

### WIDE FORMAT CUTTING SOLUTION

#### Elitron | Kombo TAV V2

Elitron's new Kombo TAV V2 is the only system able to load and unload stacks of up to 1555 mm of printed and non-printed materials.

This extremely versatile, fully automatic, cutting system can be loaded and unloaded from the front and end, in-line or alternatively can be loaded and unloaded from the side, as indicated in the diagram.

For sheets up to 3,200 x 2,200 mm, the flexible loading and unloading mean that the overall system footprint is kept to a minimum and can fit into production sites where space is critical.

#### Fotoba | XLA170

See »Wall paper production«

#### sautershop | SmartBench Precision Pro

See »Print & cut solution«.

### UTSHEET FINISHING SOLUTION OFFLINE

#### MBO | Auto Production Folding Line

The Auto Production Folding Line is the combination of several individual developments that together enable autonomous production with a highly automated folding machine: The MBO Autopilot, the MBO VT50 and the MBO CoBo-Stack. These developments mean that changing signatures and jobs, checking fold quality and placing folded sheets on pallets all take place automatically. This relieves the operator to such an extent that he can supervise the production of several folding machines or pursue other activities at the same time. The solutions not only save the operator time. He is also freed from physical exertion and the possibility of human error is reduced.

### WIDE FORMAT FINISHING SOLUTION INLINE

#### Durst | P5 TEX iSUB

See »Roll-to-roll printer > 350 cm«

### DIGITAL FINISHING

#### Elitron | Kombo TAV V2

#### MBO | Auto Production Folding Line

See »Cutsheet finishing solution offline«.

# RESULTS

## FINISHING

Category	Company	Product	Judging results
<b>Wide format cutting solution</b>			
	Elitron	Kombo TAV V2	<b>Award Winner 2021</b>
	Fotoba	XLA 170	Finalist
	sautershop	SmartBench Precision Pro	Finalist
<b>Cutsheet finishing solution offline</b>			
	MBO	Auto Production Folding Line	<b>Award Winner 2021</b>
<b>Wide format finishing solution inline</b>			
	Durst	P5 TEX iSUB	Finalist
<b>Digital finishing</b>			
	Elitron	Kombo TAV V2	Finalist
	MBO	Auto Production Folding Line	Finalist

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# WIDE FORMAT CUTTING SOLUTION

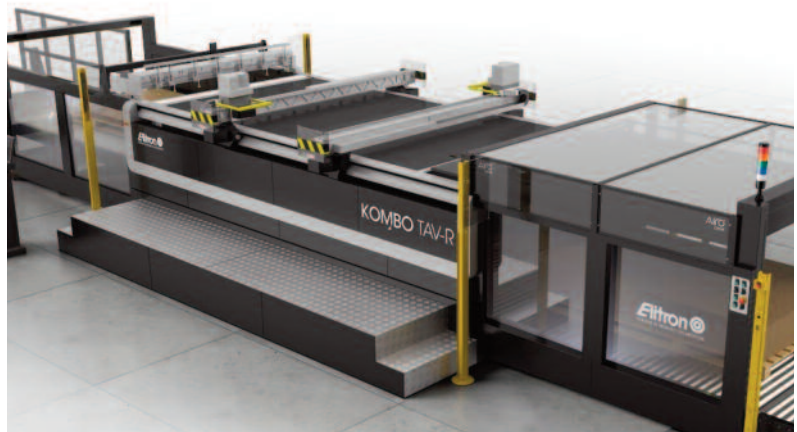


## FINALIST

Elitron | Kombo TAV V2

Fotoba | XLA170

sautershop | Smart-Bench Precision Pro



Digital cutting solutions occupy a wide range of applications. It ranges from print & cut solutions to automated CNC tools and fully automatic cutting solutions for large sheets.

## THE WINNER

**Elitron | Kombo TAV V2**

Kombo is a compact, fully automatic cutting solution for bespoke packaging and displays.

Elitron's new Kombo TAV V2 is a system able to load and unload stacks of up to 1.555 mm of printed and non-printed materials. This versatile, fully automatic, cutting system can be loaded and unloaded from the front and end, in-line or alternatively can be

loaded and unloaded from the side.

For sheets up to 3,200 x 2,200 mm, the flexible loading and unloading mean that the overall system footprint is kept to a minimum and can fit into production sites with low space.

## Technical Committee's opinion:

This compact for its maximum format 3,200 x 2,200 mm, fully automatic with job recognition, cutting system is ideal for produc-

tion sites with limited available space. It can be a final step on the way to fully automated workflow to produce packaging and displays.

› [www.elitron.com](http://www.elitron.com)

# YEAH, QUITE NICE. BUT WE ARE LOOKING FOR MORE PRODUCTIVE SOLUTIONS.



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# CUTSHEET FINISHING SOLUTION OFFLINE



## FINALIST

### MBO | Auto Production Folding Line



Even supposedly analogue techniques such as folding sheets have been captured by digitisation. Finishing machines are peppered with digital stepper motors and controls and are also part of the digital workflow. Robots complement the automated lines.

### THE WINNER MBO | Auto Production Folding Line

The Auto Production Folding Line is the combination of several individual developments that together enable autonomous production with a highly automated folding machine: The MBO Autopilot, the MBO VT50 and the MBO CoBo-Stack.

These developments mean that changing signatures and jobs, checking fold quality and placing folded sheets on pallets all take place automatically. This relieves the operator to such an extent that he can supervise the production of several folding machines or pursue other activities at the same time. The solutions not only save the operator time. He is also freed from physical exertion and the possibility of human error is reduced.

### Technical Committee's opinion:

As B2 machines gain importance in digital printing, such highly automated solutions using robotics will become essential parts of production. But robotics alone is not the strength: It is the entire system that convinces.

› [www.mbo-pps.com](http://www.mbo-pps.com)



FINALISTS AND WINNERS  
**SUPPORT TOOLS  
AND  
ACCOMPANYING TECHNOLOGIES**

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## ENTRIES

# SUPPORT TOOLS

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### PRINT SUPPORT TOOLS

#### Zünd | Cut Center – Visualizing Option

Visual support for parts removal via projection and monitor – with the Visualizing Option, cut parts can be marked and labeled quickly and easily.

Visualizer option for control of projector, monitor, label printer and Leiber inkjet printer.

Maximum monitor size (in combination with projector)

- 40 inch for table widths M to L
- 65 inch from table width XL

Maximum monitor size (for use without projector)

- 65 inch

### FINISHING SUPPORT TOOLS

#### Zünd | Connect

A final description is already in progress and will follow in the next few days.

### ROBOTICS

#### Zünd | Cut Center – Pick & Place

The Zund Cut Center – ZCC can control a robot via the Pick&Place Interface Option. This allows the cut parts to be removed, sorted and stored fully automatically.

### ACCOMPANYING TECHNOLOGIES

#### 3D ADDITIVE PRINTING (FULL COLOR)

#### Mimaki | 3DUJ-2207

The Mimaki 3DUJ-2207 is an absolute game-changer. Previously the first to bring over 10 million colours to the 3D printing market with its larger-scale industrial counterpart, the 3DUJ-553, Mimaki now combines the same impressive colour range and renowned build quality in a compact, affordable solution. With this latest offering, Mimaki aims to extend the reach and accessibility of its cutting-edge 3D printing technologies to an entirely new segment of customers.



# RESULTS

## SUPPORT TOOLS

Category	Company	Product	Judging results
Print support tools	Zünd	Cut Center – Visualizing Option	<b>Award Winner 2021</b>
Finishing support tool	Zünd	Connect	<b>No Award in 2021</b> Finalist
Robotics	Zünd	Cut Center – Pick & Place	<b>Award Winner 2021</b>

# RESULTS

## ACCOMPANYING TECHNOLOGIES

Category	Company	Product	Judging results
3D AdditivePrinting (full color)	Mimaki	3DUJ-2207	<b>Award Winner 2021</b>

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## PRINT SUPPORT TOOLS



### FINALIST

#### Zünd | Cut Center – Visualizing Option



Many steps, even in digital solutions, are painstaking detail work. That is why support tools in print and finishing have a task that should not be underestimated. It is interesting to note that these are not huge programmes, but often small software solutions with great benefits.

#### THE WINNER Zünd | Cut Center – Visualizing Option

The Visualizing Option was developed to simplify the traceability of cut parts as well as their identification and sorting after cutting. The option allows the Zünd Cut Centre to use metadata from job information in different ways. A projection system above the cutter shows the operator in different colours which cut parts

belong together. A monitor can also be used to visually support part removal. This ensures an overview of the cut parts and simplifies shipping logistics.

#### Technical Committee's opinion:

It looks like a small solution, but the effect is huge. The solution delivers Visual support for parts removal via projection and monitor – with the Visualizing Option, cut parts can be marked and labelled

quickly and easily making a complex task easy. Especially when it comes to textiles for clothing or furniture where different parts have to be joined together afterwards for finishing

› [www.zund.com](http://www.zund.com)

# ROBOTICS



## FINALIST

### Zünd | Cut Center – Pick & Place



Robots are being used more and more in the graphic arts industry. However, it is not only about heavy loads or packaging tasks, but also about small-scale work that requires a high level of manual input. This is where robots can be extremely helpful.

### THE WINNER Zünd | Cut Center – Pick & Place

The Pick&Place Interface Option enables direct communication and control of a robot via the Zünd Cut Center – ZCC operating software. This allows the cut parts to be removed, sorted and stored fully automatically.

The size and shape of the cut pieces are taken into account during removal.

For the most reliable

removal, the Zünd Cut Center calculates the arrangement of the suction cups and activates only those that are needed.

The cut-out parts can be placed at predefined positions. Based on the default settings in the ZCC, the robot can place the parts in a container or on a growing stack.

#### Technical Committee's opinion:

This solution helps to integrate robot to a workflow at the stage of sorting

ready jobs. The solution can be especially useful for web-to-print companies with a lot of small format jobs like business cards, labels etc. on a big sheet with many different jobs.

› [www.zund.com](http://www.zund.com)

## 3D ADDITIVE PRINTING (FULL COLOR)



### FINALIST

Mimaki | 3DUJ-2207



Additive printing (3D) has not necessarily been considered close to classic printing processes in recent times. It can also still be discussed at length. But there are a number of print service providers who work with 3D printing and are successful.

### THE WINNER Mimaki | 3DUJ-2207

The Mimaki 3DUJ-2207 is an absolute game-changer. Previously the first to bring over 10 million colours to the 3D printing market with its larger-scale industrial counterpart, the 3DUJ-553, Mimaki now combines the same impressive colour range and renowned build quality in a compact, affordable solution.

With this latest offering, Mimaki aims to extend the reach and accessibility of its cutting-edge 3D printing technologies to an entirely new segment of customers.

### Technical Committee's opinion:

With the 3DUJ-2207, Mimaki is bringing the unique full colour 3D process developed in house within reach of new users who can use it for a variety of market segments where colour plays a decisive

role. Users are supported by Mimaki's 3D Print Prep Pro platform. With the tools on this platform, even the less experienced user can easily and effectively correct data errors. This technology can also optimise the shape of the model, carefully matching image quality and processing speed.

› [www.mimakieurope.com](http://www.mimakieurope.com)



## FINALISTS AND WINNERS **CONSUMABLES**

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## ENTRIES

# CONSUMABLES

## INKS, TONERS, SUBSTRATES

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### WATERBASED INKS

#### Agfa | Agora DL ink family

The water based pigment ink sets for laminate applications to print on décor paper for use on multi-pass and single pass inkjet printing solutions offer an extensive range of designs for flooring and furniture panels, delivering consistent print results, low metamerism for wood grain designs, and fully suited for the existing lamination processes.

### UV INKS

#### Durst | P5 350 HS

See »Workflow solutions«.

#### swissQprint | Neon inks for UV printing

Neon colours give a special glow. swissQprint large format printers apply these eye-catching inks on rigid substrates and also on roll materials. Neon yellow and neon pink inks are available. They enable a total of four neon colours: yellow, pink, green and orange.

The possibilities range from indoor applications such as campaign signage, POS displays, signposts, backlights and information signs to posters and wristbands for events – the

list could go on. What's more: neon printing is fluorescent in black light, making it ideal for advertising and signage in trade fair settings and themed environments as well as club and party scenarios.

### TEXTILE INKS OR TONERS

#### Durst | P5 TEX iSUB

See »Roll-to-roll printer > 350 cm«

### INDUSTRIAL INKS

#### Agfa | Alussa eTU25

See »Leather solution«

### SPECIAL EFFECT INKS OR TONERS

#### Kodak | Kodachrome Dry Inks

Kodachrome Inks are a family of ink-related products that are used to produce near-photographic prints on a variety of substrates. These prints can be produced on Kodak Ascend and Nexfinity presses as well as NexPress presses that are upgraded. Kodachrome embellishment inks enable a spectrum of special effects - including opaque white, foil, antimicrobial dry ink, matte finishes and varnishes. The rearrangeable ink stations are easy to swap in and out. Each ink can be ready to use in

under eight minutes - six times faster than our competitors. They offer over 80% of the Pantone library in CMYK and are rated for indirect food contact, meaning they're both eye-catching and versatile.

#### Ricoh | Gold and silver toner

Gold and Silver toners for the fifth colour station on the Ricoh Pro C7200X enable the production of a wide range of value added print with a gorgeous and special feel. The new toners are retrofittable, therefore enabling existing owners to expand the capabilities of the Ricoh Pro C7200X presses.

### COATINGS AND VARNISH

#### Kodak | Prosper Digital Varnish

Kodak Prosper Digital Varnish provides a water-based spot varnish inline for variable codes, text, or images in a single pass. Prosper Digital Varnish can be jetted as an area or spot coat to a printed package by any Prosper Imprinting System, enabling application during the printing process or downstream on finishing lines and folder-gluer equipment.

# RESULTS

## CONSUMABLES

### INKS, TONERS, SUBSTRATES

Category	Company	Product	Judging results
Waterbased Ink			<b>No Award in 2021</b>
	Agfa	Agora DL ink family	Finalist
UV inks	Durst	P5 350 HS	Finalist
	swissQprint	Neon inks for UV printing	<b>Award Winner 2021</b>
Textile inks or toners			<b>No Award in 2021</b>
	Durst	P5 TEX iSUB	
Industrial inks (•)			
	Agfa	Alussa eTU25	<b>Award Winner 2021</b>
Special effect inks or toners			<b>No Award in 2021</b>
	Kodak	Kodachrome Dry Inks	Finalist
	Ricoh	Gold and silver toner	Finalist
Coatings and varnish			<b>No Award in 2021</b>
	Kodak	Prosper Digital Varnish	Finalist

\* EDP member submission.

(•) New or changed category.

Nominee: This product was nominated for an Award but recommended for an other category by the jury.

Finalist: This product was short-listed and one choice for an Award.

No Award in 2021: The jury did not suggest an award for this category this year.

Next year: This product is recommended for the next year's competition.

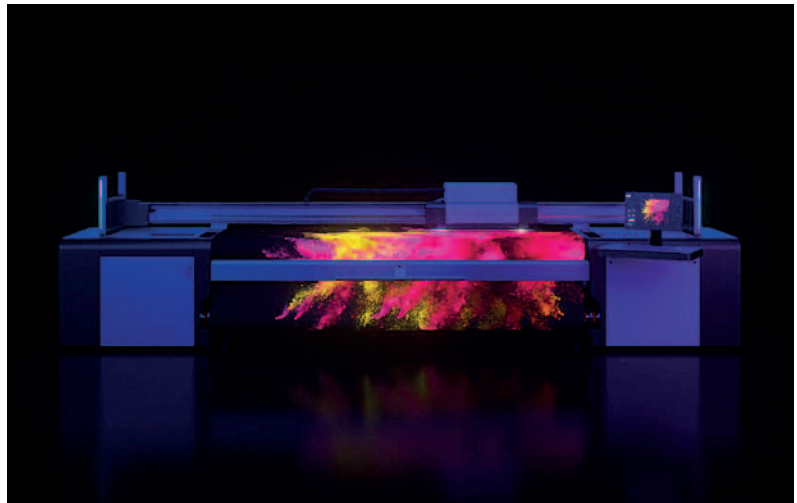
# UV INKS



## FINALISTS

Durst | P5 350 HS

swissQprint | Neon inks  
for UV printing



Neon paint is the name for colours of high luminosity that also glow under black light. They are popular in many creative and technical areas – especially in advertising technologies. They have not yet been seen in wide and large format printing.

### THE WINNER swissQprint | Neon inks for UV printing

Neon colours give a special glow to advertising and signage. swissQprint large format printers apply these eye-catching inks on rigid substrates in any format and also on roll materials. Neon yellow and neon pink inks are available.

The possibilities range from indoor applications such as campaign signage,

POS displays, signposts, backlights and information signs to posters and wristbands for events – the list could go on. What's more: neon printing is fluorescent in black light, making it ideal for advertising and signage in trade fair settings and themed environments as well as club and party scenarios.

### Technical Committee's opinion:

This is how eye-catching works: neon pink and neon yellow give printed

matter a flashy look. And they fluoresce in black light.

This are the first fluorescent UV-curable inks for inkjet digital printing. Using yellow and pink inks you can add glow and value to advertising and signage. The Neon inks have been developed for UV printing and the Karibu S Roll-to-Roll printing system.

› [www.swissqprint.com](http://www.swissqprint.com)



# INDUSTRIAL INKS



## FINALIST

Agfa | Alussa iUL10



Industrially produced objects also need industrially designed tools and consumables. In this context, Agfa has a whole range of solutions in its portfolio that extend to highly specialised applications.

## THE WINNER Agfa | Alussa iUL10

A leather decoration solution that integrates UV inkjet technology in the leather tanning process to create stunning prints in any quantity and reaching the highest requirements in flexibility and abrasion. The Alussa technology consists of different components, all specially developed with a focus on genuine leather. It incorporates the Alussa eTU25 industrial inkjet printer,

Alussa iUL10 full color & white ink sets, Asanti workflow and color management tools, and the unique Alussa coating formulation, developed in collaboration with TFL.

### Technical Committee's opinion:

This UV ink, developed by Agfa, makes it possible to print on leather on an industrial scale. Printing is done in full colour plus white, which gives a reliable colour result even on coloured leather. In combi-

nation with the coating for leather developed together with TFL, this creates a hardwearing colourfast print that can be called unique. The leather industry has been working with TFL coatings for quite a while now, so that the properties of the leather can be better matched to the application. The printing can easily be done as an extra step in the existing workflow preparing leather.

› [www.agfa.com](http://www.agfa.com)



IMPRINT

**Publisher**

EDP (European Digital Press)  
Association

Registered business address:  
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EDP AWARDS 2022

A horizontal string of twine is stretched across the middle of the frame. Several leaves are clipped to the string with wooden clothespins. The leaves show a variety of autumn colors, including vibrant green, yellow, orange, and red. The background is a solid, light blue color.

# CALL FOR ENTRIES

The competition for the  
EDP Awards 2022  
will start in a few weeks.

Keep it in mind!

[WWW.EDP-AWARD.ORG](http://WWW.EDP-AWARD.ORG)