



FINALISTS AND WINNERS **SOFTWARE / HARDWARE**

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!

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SOFTWARE / HARDWARE

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.

LAYOUT, DESIGN AND EDITING SOFTWARE**Canon | Xpert v2.0**

Canon Xpert is a software application that assists in design and production of high-value applications. It avoids production stops, automates pre-press tasks, reduces waste through elimination of mistakes and creates receipts for repeating jobs.

Chili publish | Chili publisher

Chili publisher simplifies and automates how graphics are created. It simplifies the process by converting traditional graphics files into smart templates and providing users with no graphic training self-service access. It automates the creation of artwork by automatically building multiple variants, and by connecting to external data sources to eliminate content errors.

CloudLab AG | Liquid Layouts

Liquid Layouts is an AI-powered design tool with dynamic variability, enabling shop owners to offer dynamic design templates for parametric and shape-variable products. The design automatically adapts to the configured size of the product.

The shop owner is flexible, independent and no longer reliant on packaging design agencies or graphic artists.

Onyx | Onyx TruFit

Save valuable print production time and maximize media usage with shape-based nesting. Easily create complex nested layouts and reduce media usage by up to 50%.

COLOR MANAGEMENT**CGS | ORIS Spectral Toolkit**

CGS ORIS offers a solution that makes it very easy to enter the world of spectral color data and work with them. The CGS ORIS Spectral Toolkit can be seamlessly integrated to existing workflows and thanks to the CGS ORIS Color Cloud a fast and safe exchange of colors between brand owners, designers, ink manufacturers and printing companies (etc.) is guaranteed.

EFI | ColorGuard

EFI ColorGuard is a cloud-based colour verification solution that helps production managers schedule colour verification and calibration tasks and track actual results. ColorGuard is one of the EFI IQ web applications that standardises the verification

process to ensure consistent, accurate colour on Fiery Driven digital printers. It lets users create unique reference standards so they can measure colours with a custom reference or industry standards to keep colour on target.

EFI | Fiery Edge and Fiery Intensify

Fiery Edge is EFI's latest colour profiling technology that provides even more stunning results out of the box, and more user controls to get the very best results out of Fiery Driven printers and presses. Fiery Intensify is a rendering intent innovation that boosts colour, saturation, and intensity while protecting grey balance and natural-looking skin tones. Fiery Intensify is available when using Fiery Edge technology ICC profiles.

EFI | Fiery Spot Pro

With Fiery Spot Pro, print service providers can be confident that their brand colours are reproduced correctly, every time. The advanced spot colour management program features integrated tools that work towards four primary functions: ensuring brand consistency, building and managing spot colour libraries, ensuring colour-standard conformity,

ENTRIES

and duplicating, creating, and customizing spot colours.

Onyx | Onyx 19

Using Onyx 19, DeviceLink+ introduces automation controls for colour management. At the click of a button, apply ink savings across all existing media modes without the need to re-read in swatches or use a colour measurement device. In addition, Onyx 19 brings automation using QuickSets to fully automate Step and Repeat workflows from design file to print product. Onyx 19 includes a nest trim box to drastically reduce the time spent weeding print jobs, getting to sellable prints faster.

WORKFLOW TECHNOLOGY

Durst | Durst Workflow

Durst Workflow is a revolutionary All-In-One solution, which includes all steps of the prepress and production process in one single application. The Durst Workflow system offers a range of modules that can be expanded at any time and adapted to the requirements at hand. Utilizing its open interfaces, Durst Workflow aims to connect and auto-

mate the process flow from Sales and Pre-Press to the production floor. Durst Workflow is optimized to suit large format applications as well as label and packaging print products.

EFI | Fiery Command Workstation

Fiery Command WorkStation, the print job management interface for Fiery servers, makes printing more productive and powerful. It centralizes job management, connects to all Fiery servers on the network, and improves productivity. The intuitive interface simplifies job management, regardless of the user's level of experience.

EFI | Fiery Impose offline finishing integration

The Fiery Impose is a fully visual-imposition software that automates job submission. The program boosts production efficiency with the most intuitive PDF-based sheet imposition software on the market. The offline finishing integration of Impose – between Fiery DFEs and Duplo slit/cut/crease finishers or Duplo UV spot-coating devices – works to address one of the most significant bottlenecks that is also a big source of waste in almost every print production site.

EFI | Fiery JobFlow

Fiery JobFlow automates job preparation steps in prepress workflows to produce ready-to-print files. After a customer orders a print job online, Fiery JobFlow uses the ordering information to determine how to process the job. Once the job is handed over to the Fiery digital front end for printing, the DFE feeds status updates back to the storefront to keep the customer informed. This easy-to-use print workflow automation software increases productivity and reduces costs.

Kodak | Prinergy On Demand

Kodak Prinergy Workflow Software is the leading prepress automation solution with specific solutions for commercial and packaging applications. With Kodak Prinergy On Demand, each customer's virtualized Prinergy software is hosted and managed by Kodak; backed by Microsoft's highly available Azure Cloud environment. Kodak assumes responsibility for system administration, 24-hour security and monitoring, upgrades and problem resolution.

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Lacunasolutions | Spectra Proof

This brand new 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.

Onyx | Onyx 19

See »Color management«.

WORKFLOW SOLUTIONS**Zünd | ZCC Workflow Solution – Label**

No specific description.

Zünd | ZCC Workflow Solution – Projector

No specific description.

Zünd | ZCC Workflow Solution – Robotic

No specific description.

E-COMMERCE SOLUTIONS**Chili publish | Chili publisher**

See »Layout, design and editing software«.

CloudLab | Liquid Layouts

See »Layout, design and editing software«.

MIS / ERP SYSTEMS**Dataline | MultiPress e-calculator**

The boost in e-commerce platforms for print requires more advanced solutions. Instead of a standard static online price list, the e-calculator uses a completely dynamic approach. All variables in the MultiPress MIS/ERP system are always centrally updated and translated in real-time to the online price calculation. Based on the current and dynamic information on all variables in the complete production process – ranging from the daily price of substrates to the available machine capacity – the user is immediately and without further intervention offered the most efficient production method and delivery time, as well as the most up to date price.

SOFTWARE AUTOMATION TOOLS**Dataline | MultiPress e-calculator**

See »MIS / ERP System«.

EFI | JobExpert

Fiery JobExpert is a breakthrough new technology that analyses incoming PDF files and dynamically selects the best print settings to achieve the highest quality, while optimizing production time. It analyses each PDF print job in detail, and sets the optimal Fiery job settings for colour management, image quality, VDP settings, and engine specific properties. Fiery JobExpert reduces setup time, enables faster processing, and cuts waste.

EFI | MarketDirect PackCentral

With EFI's MarketDirect PackCentral online customer ordering portal, packaging professionals can digitally transform their businesses and grow profitability through new revenue streams and reduced sales and administrative costs. Keeping customers top of mind, PackCentral allows packaging and corrugated service providers to increase value for the brands they serve by streamlining their end-to-end workflows while also providing future-ready

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features like SmartBox Designer, a new 3D tool that gives users the power to create, customize and visualize folding carton and corrugated box designs entirely online.

Onyx | Onyx 19

See »Color management«.

SPECIAL APPLICATION SOFTWARE

Canon | Xpert v2.0

See »Layout, design and editing software«.

CloudLab | Liquid Layouts

See »Layout, design and editing software«.

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.

Onyx | Onyx Hub 2.0

Onyx Hub is the only specific to wide-format business intelligence

tool that provides real-time and historic data plus actual job costs in an intuitive dashboard to make data based business decisions to improve print shop efficiency. Onyx Hub 2.0 brings data protection with secure server encryption, new user account controls and streamlined job submission from a central location to improve print processes and reduce manual error across an entire site.

PRINT AND FINISHING SUPPORT TOOLS

Bobst | Large Format Digital Inspection Table (DIT)

The Large Format Digital Inspection Table (DIT) is a premium Bobst Digital Quality Control Solution, extending the DIT Solution Family. The Large Format DIT closes the loop between original Artwork and final Quality Control before committing to volume production, thereby improving business outcomes and strengthened relationships between the Converter and the Brand Owners. The Large Format DIT features Quad 4K Laser projectors, Quad D50 light strips for the highest possible quality projection and brightness. It enables quality control on max sheet sizes of 2.800 x 1.600 mm, enhanced digital reporting and

analysis, further improved digital WARP checks, and photographic records of quality checks.

Canon | Arizona Xpert (Engine + Extensions)

The Arizona Xpert Engine is an Onyx Thrive Add-on that supports Production staff (production managers and operators) in producing a broad range of high-value applications by combining the capabilities of Arizona printers and, optionally, ProCut cutters. The Arizona Xpert Extensions software supports the designer in creating high-value applications. Artwork created by designers complies to the requirements of the print shop, thus reducing communication overhead.

Zünd | ZCC Workflow Solution – Label

No specific description.

Zünd | ZCC Workflow Solution – Projector

No specific description.

Zünd | ZCC Workflow Solution – Robotic

No specific description.

RESULTS

SOFTWARE / HARDWARE

Category	Company	Product	Judging results
Layout, design and editing			
	Canon	Xpert v2.0	Nominee
	Chili Publish	Chili Publisher	Award Winner 2020
	CloudLab	Liquid Layouts	Finalist
	Onyx	Onyx TruFit	Finalist
Color management			
	CGS	ORIS Spectral Toolkit	Finalist
	EFI	ColorGuard	Nominee
	EFI	Fiery Edge and Fiery Intensify	Finalist
	EFI	Fiery Spot Pro	Nominee
	Onyx	Onyx 19	Award Winner 2020
Workflow technology			
	Durst	Durst Workflow	Award Winner 2020
	EFI	Fiery Command Workstation	Finalist
	EFI	Fiery Impose offline finishing	Finalist
	EFI	Fiery JobFlow	Finalist
	Kodak	Prinergy on demand	Finalist
	Lacunasolutions	Spectra Proof	Next year
	Onyx	Onyx 19	Nominee
Workflow solutions			No Award in 2020
	Zünd	ZCC Workflow Solution – Label	Next year
	Zünd	ZCC Workflow Solution – Projector	Next year
	Zünd	ZCC Workflow Solution – Robotic	Next year
E-Commerce solutions			No Award in 2020
	Chili publish	Chili publisher	Finalist
	CloudLab	Liquid Layouts	Finalist
MIS / ERP systems			
	Dataline	MultiPress e-calculator	Award Winner 2020

RESULTS

SOFTWARE / HARDWARE

Category	Company	Product	Judging results
Software automation tools			No Award in 2020
	Dataline	MultiPress e-calculator	Nominee
	EFI	Fiery JobExpert	Finalist
	EFI	MarketDirect PackCentral	Finalist
	Onyx	Onyx 19	Nominee
Special application software			
	Canon	Xpert v2.0	Nominee
	CloudLab	Liquid Layouts	Finalist
	EFI	FreeForm Create	Award Winner 2020
	Onyx	Onyx Hub 2.0	Nominee
Robotics			No Award in 2020
	Zünd	ZCC Workflow Solution – Robotic	Next year
Print and finishing support tools			
	Bobst	Large Format Digital Inspection Table	Award Winner 2020
	Canon	Arizona Xpert (Engine + Extensions)	Nominee
	Zünd	ZCC Workflow Solution – Label	Next year
	Zünd	ZCC Workflow Solution – Projector	Next year

* 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 2020: The jury did not suggest an award for this category this year.

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

LAYOUT, DESIGN AND EDITING

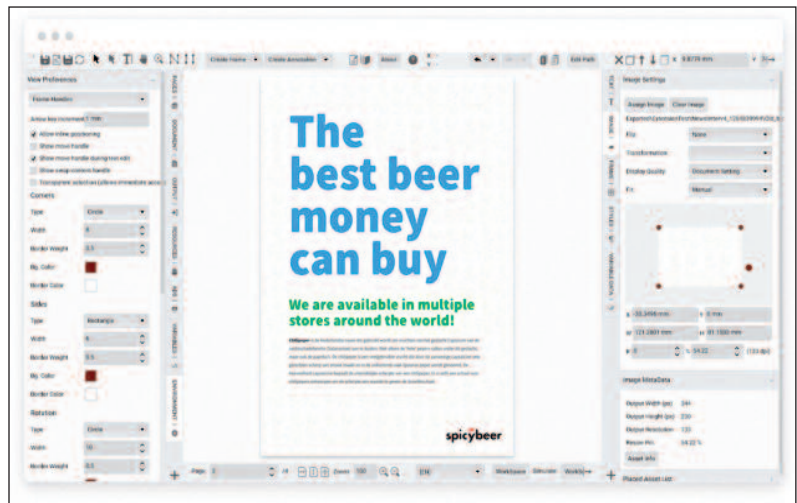


FINALISTS

Chili publish | Chili publisher

CloudLab | Liquid Layouts

Onyx | Onyx TruFit



Looking for an original approach to the creation of artwork that makes a standard and eliminates workflow errors is something we have all been waiting for. The different approaches made it clear we are on the right path. The use of templates is a strong direction to automation.

THE WINNER

Chili publish | Chili publisher

Chili publisher simplifies and automates how graphics are created. It simplifies the process by converting traditional graphics files into smart templates and providing users with no graphic training self-service access.

It automates the creation of artwork by automatically building multiple variants, and by connecting to external data sources to

eliminate content errors. Looking for an original approach to the creation of artwork that makes a standard and eliminates workflow errors is something we have all been waiting for. The different approaches made it clear we are on the right path. The use of templates is a strong direction to automation.

Technical Committee's opinion:

This nice and uncomplicated online design tool

makes it possible to use the same design rules on different kind of communication expressions. This tool offers a next step in the world of workflow automation. With the use of templates, enforcing the corporate identity rules in various designs can be maintained without the involvement of designers or any knowledge of the user.

› www.chili-publish.com

COLOR MANAGEMENT



FINALIST

CGS | ORIS Spectral Toolkit

EFI | Fiery Edge and Fiery Intensify

Onyx | Onyx 19



The tasks and scopes of color management systems are clearly defined and all submissions correspond to the task. However, some of the solutions seem rather complicated and correspond to typical expert systems, which are justified but lack user-friendliness for a broad market. However, progress and user-friendly developments are evident everywhere.

THE WINNER

Onyx | Onyx 19

Using Onyx 19, Device-Link+ introduces automation controls for colour management. At the click of a button, apply ink savings across all existing media modes without the need to re-read in swatches or use a colour measurement device. In addition, Onyx 19 brings automation using QuickSets to fully automate Step and Repeat

workflows from design file to print product. Onyx 19 includes a nest trim box to drastically reduce the time spent weeding print jobs, getting to sellable prints faster.

Technical Committee's opinion:

The jury was impressed with the new DeviceLink+ feature, it gives an easy way to colour connect multiple devices and substrates. Working with a system that takes out the need of reading new

swatches to link devices saves time and effort. (if the devices have been profiled) The DeviceLink+ gives Onyx not only good colour capabilities across the range of supported printers it also allows the user to have proofing and simulation capabilities for printers and substrates. DeviceLink+ keeps the saturation of colours across the platforms the same, if the ink densities allow it.

› www.onyxgfx.com

WORKFLOW TECHNOLOGY



FINALISTS

Durst | Durst Workflow

EFI | ColorGuard

EFI | Fiery Edge and Fiery Intensify

EFI | Fiery JobFlow

Kodak | Prinergy on demand



Workflow solutions are becoming more and more the standard in a printing environment. With the installation of a workflow system the customer and manufacturer can control the total process better and more efficient. All submissions had the same approach to make life easier.

THE WINNER

Durst | Durst Workflow

Durst Workflow is a All-In-One solution, which includes all steps of the pre-press and production process in one single application. The Durst Workflow system offers a range of modules that can be expanded at any time and adapted to the requirements at hand. Utilizing its open interfaces, Durst Workflow aims to connect and auto-

mate the process flow from Sales and Pre-Press to the production floor. Durst Workflow is optimized to suit large format applications as well as label and packaging print products.

Technical Committee's opinion:

This browser-based workflow solution combines data preparation, colour management and output preparation in one tool. The modern and easy to use interface allows multi-

ple users with customizable permissions to work in parallel on the same database. Although Strong Durst oriented it works well and has an integrated rip (Harlequin) that offers multiple production jobs to be ripped at the same time. Durst also offers multiple API external connections to integrate into a MIS/ERP system.

› www.durst-professional-services.com

MIS / ERP SYSTEMS



FINALISTS

Dataline | MultiPress e-calculator



MIS systems are needed in the market today to see what is going on in the printing company, from the cost calculations to the shipping of a product to the right customers. Integration of MIS systems from the work floor to the financial systems is highly desirable. The availability is abundant but the technology advances are not as fast as one would like.

THE WINNER Dataline | MultiPress e-calculator

The boost in e-commerce platforms for print requires more advanced solutions. Instead of a standard static online price list, the e-calculator uses a completely dynamic approach. All variables in the MultiPress MIS/ERP system are always centrally updated and translated in real-time to the online price calculation. Based on the current and dynamic information on all variables in the

complete production process – ranging from the daily price of substrates to the available machine capacity – the user is immediately and without further intervention offered the most efficient production method and delivery time, as well as the most up to date price.

Technical Committee's opinion:

Ideal software to make your bottoms up calculations direct in your e-commerce system. The

E-calculator gives customers the ability to use custom orders, size, paper type and many more options. All these options are available to the user if allowed. The software calculates the cost and the delivery time in real time allowing for the vendor to put and use dynamic pricing structures based on production space. The jury noticed the speed of the system was very fast.

› www.dataline.eu

SPECIAL APPLICATION SOFTWARE



FINALIST

Efi | FreeForm Create



THE WINNER

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.

Technical Committee's opinion:

Fiery FreeForm Create is a free, stand-alone variable data printing (VDP) application that enables quick and simple personalization. Between the most important new features - preservation of variable data field mapping (it saves time and labour); flexible spot colour support by using of pre-populated spot colour libraries from Pantone, Toyo, HKS, or DIC (important for brand owners); collapsing

empty fields found in the data source. This instrument helps to effectively generate more value for the customers of digital printing.

› www.efi.com

AD

PRINT & FINISHING SUPPORT TOOLS



FINALIST

Bobst | Large Format Digital Inspection Table



Better control and thus more reliable production results are prerequisites for lean and cost-effective production. It is becoming increasingly rare for this to be achieved only with hardware or software. Intelligent combinations provide attractive solutions.

THE WINNER

Bobst | Large Format Digital Inspection Table

The Large Format Digital Inspection Table (DIT) is a Quality Control Solution that closes the loop between original Artwork and final Quality Control before committing to volume production, thereby improving business outcomes and strengthened relationships between the Converter and the Brand Owners. The DIT features Quad 4K Laser projectors,

Quad D50 light strips for the highest possible quality projection and brightness. It enables quality control on max sheet sizes of 2.800 x 1.600 mm, enhanced digital reporting and analysis, further improved digital WARP checks, and photographic records of quality checks.

Technical Committee's opinion:

The jury was impressed about the new and different way to look at an inspection table. With the

overhead projection of 4K imaging on a table (2.800 x 1.600mm max sheet size) where the inspection can be done visually under D50 lighting conditions. From ensuring constant quality, to the checking if the crease and cut lines are in the right position, the DIT offers it all. The intelligent WARP control makes the that this tool is very useful in packaging, flexo and other high end production systems.

› www.bobst.com



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

Canon | Océ Colorado 1650

The Colorado 1650 is the new addition within the UVgel family with new additional features such as flexible ink-FLXFinish; possibility to print both matt and gloss prints with the same ink – double sided printing.

Mimaki | UJV100-160

Recently announced in March 2020, the UJV100-160 aims to offer Mimaki's advanced UV print technology at a more competitive price and will definitely set a new standard in affordable UV LED printing. The machine features Dot Adjustment System (DAS), a new function for automatic print calibration and media feed adjustment. The UJV100-160 also features 2-layer printing with white ink and high resolution printing up to 1.200 dpi. Outdoor and indoor signage, backlit graphics, floor and window graphics, exhibition and display graphics, and more!

Mutoh | XpertJet 1641SR / 1682SR

Suited for the widest range of indoor and long term outdoor Sign &

Display graphics, the all new XpertJet 1641SR / 1682SR printer model is the successors of Mutoh's multi-awarded ValueJet 1624X and 1638X. The printer brings multiple product enhancements and pioneering innovative features to Sign & Display print professionals.

ROLL-TO-ROLL PRINTER UP TO 320 CM

Agfa | Oberon RTR3300

The Oberon RTR3300 covers significant media diversity and a wide range of applications, including mesh and backlit prints. This enables you to execute all your customers creative wishes, while also inspiring them to explore new directions.

Mimaki | SWJ-320EA

The Mimaki SWJ-320EA is one of the most competitively 3,2 m super-wide format solvent printers in the market. With proven Mimaki quality and packed with Mimaki core technologies such as MAPS and NRS, this solvent printer features print speeds up to 137 sqm/h, high resolution up to 1.200 dpi, twin-roll printing and an optional air purifier unit for a more environmentally-friendly workspace. Indoor and outdoor signage, exhibition and display

graphics, floor and window graphics, retail PoS and more!

ROLL-TO-ROLL PRINTER > 320 CM

EFI | Vutek D Series

The EFI Vutek D Series consists of two advanced roll-to-roll LED printers, the EFI Vutek D3r and the D5r. These printers were created especially for the industrial printing demands of high-quality volume producers with the ability to produce a wide range of applications, from indoor closely viewed graphics to fleet graphics, car wraps and truck-side curtains. With native 7 pl UltraDrop Technology, these printers deliver true 1.200 dpi resolution and offer many value-added options, such as inline cutting and slitting, automatic double-sided printing, media handling accessories, and more.

FLATBED/HYBRIDE PRINTER UP TO 100 SQM/H

Canon | Arizona 2300 Series

The Arizona 2300 series consists of true flatbed printers based on UV-curable ink. Quick, reliable and low-maintenance, the latest Arizona

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printer provides the optimum in print quality and versatility for both rigid and flexible media applications.

Mimaki | JFX200-2513 EX

Building on the success of previous JFX200 models, the JFX200-2513 EX defines the next generation in large flatbed LED UV printing. Incorporating Mimaki's new 3D print technology, the machine simplifies multiple layer printing into a few steps by introducing the 2.5D Texture Maker feature, where Mimaki's Rasterlink RIP software automatically creates up to 17 layers based on just one grey-scale image.

FLATBED/HYBRIDE PRINTER UP TO 250 SQM/H

EFI | Pro 30f

Launched at Fespa 2019, the EFI Pro 30f flatbed printer was designed with a large 3.05 x 2.05-meter bed and is the first EFI printer to give users the ability to print on media up to 10 cm (4 inches) thick. It provides commercial printers and sign shops with more application possibilities with four colours plus dual channels of white standard and multi-layer printing.

EFI | Vutek 32h

The 3.2-metre EFI Vutek 32h LED hybrid inkjet printer, launched in the fourth quarter of 2019, is a versatile solution that can print on materials up to 5.08-cm thick in resolutions of true 600 or 1.000 dpi. It features eight colours plus white and the ability to do multi-layer printing in a single pass, as well as optional clear ink.

Ricoh | Pro TF6250

The Ricoh Pro TF6250 UV flatbed printer allows print service providers to tap into the profitable sign and graphics market by printing quickly and efficiently onto substrates of up to 11cm thick. Industry-leading productivity and versatility supports client base expansion with applications such as short-run packaging, promotional products and interior décor.

FLATBED/HYBRIDE PRINTER > 250 SQM/H

Durst | Rho 2500

With the introduction of the Rho 2500 Series, an evolution of the Rho 1300 Series, a new standard in resolution and modularity was defined in its class. The new 8 pl printheads allow higher resolution, finer prin-

ting quality and excellent sharpness. The modular system of three different versions enable a flexible printer setup with upgrade possibilities at any time.

PRINT & CUT SOLUTION

Roland DG | VersaUV LEC2-300

The VersaUV LEC2-300 is a streamlined UV printer/cutter device. It does the job of multiple devices by directly printing, cutting, creasing and embossing card, film and other materials in one seamless workflow to respond to clients' diverse needs, delivering on-demand and on time.

Zünd | Press Cutting Tool – PCT

See »Print & finishing solution«.

OBJECT PRINTER

Mutoh | XpertJet 461UF / 661UF

The XPJ-461UF and XPJ-661UF printers will respond to the increasing demand for added value personalised prints and bespoke small-lot production of commercial and industrial print applications. Typical applications encompass prints on phone covers, personalised gifts, photo products, promotional items, small series production or prototyping of

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packaging samples etc. Both printers can be setup in either CMYK or in CMYK + White + Varnish configuration and are suited for direct printing onto a wide variety of materials including three dimensional objects up to 15 cm thick.

SPECIAL APPLICATION PRINTER**Roland DG | VersaUV LEC2-300**

See »Print & cut solution«.

TEXTILE PRINTER ROLL-TO-ROLL UP TO 100 SQM/H**ColorJet | SubliXpress**

ColorJet SubliXpress is India's fastest ROI 1.6 m sublimation printer. Equipped with up to 4 industrial-quality Kyocera printheads, SubliXpress prints variable inkjetting intensities between 4 - 72 pl. With print capacity of 4.000 sqm/day, SubliXpress enables textile print business to obtain high volume output with single printer.

Mimaki | Tx300P-1800 MkII

Uniquely designed with versatility at its core, the Mimaki Tx300P-1800 MkII enables both direct-to-textile and transfer printing. To switch from textile to paper printing is really easy

– just exchange the platens. With this hybrid technology, the printer can be equipped with two types of ink and customers can choose between 3 combinations: textile pigment/sublimation ink, direct sublimation/sublimation transfer, and textile pigment/direct sublimation.

Mutoh | XpertJet 1641SR / 1682SR

See »Roll-to-roll printer up to 170 cm«.

TEXTILE PRINTER ROLL-TO-ROLL > 100 SQM/H**Aleph | LaForte 200/400**

Print on a wide selection of fabrics with maximum resolution of 1.200 dpi and optimal results: polyester, cotton, viscose, silk, spandex, wool, canvas and much more.

Mtex | Dragon

An industrial transfer paper printer with high speed and quality, specifically developed for sublimation paper. Dragon manages 274 sqm/h while maintaining a resolution up to 720 dpi thanks to its mechanical structure. Designed to print onto the thinnest of transfer papers, the Dragon features innovative Mtex technology.

Mtex | Falcon

Mtex Falcon has a fully automated feeder, transport and take up system controlled by motion and air pressure. This will assure the use of any fabric, under the specs of Mtex Falcon, being able to be printed with quality and speed. Special head assembly combines and gives the flexibility of high quality print, wider colour gamut and speed.

TEXTILE PRINTER DIRECT TO GARMENT**Ricoh | Ri 1000**

Expanding business horizons, Ricoh's Ri 1000, prints vibrant soft-touch graphics on a wide range of garments and textiles. Versatile and productive, it uses variable drop size and CMYK + white pigment inks to print high resolution graphics onto light and dark coloured fabrics.

Roland DG | Texart XT-640S-DTG

The new Texart XT-640S-DTG is a multi-station, direct-to-garment printer which prints full-colour graphics directly onto cotton-based T-shirts and apparel, quickly and colourfully.

AD

RESULTS

PRINTING SYSTEMS

LARGE/WIDE FORMAT PRINTING

Category	Company	Product	Judging results
Roll-to-roll printer < 170 cm	Canon	Océ Colorado 1650	Finalist
	Mimaki	UJV100-160	Award Winner 2020
	Mutoh	XpertJet 1641SR / 1682SR	Finalist
Roll-to-roll printer < 320 cm	Agfa	Oberon RTR3300	Award Winner 2020
	Mimaki	SWJ-320EA	Finalist
Roll-to-roll printer > 320 cm	EFI	Vutek D Series	Award Winner 2020
Flatbed/hybrid printer < 100 sqm/h	No Award in 2020		
	Canon	Arizona 2300 Series	Finalist
	Mimaki	JFX200-2513 EX	Finalist
Flatbed/hybrid printer < 250 sqm/h	EFI	Pro 30f	Finalist
	EFI	Vutek 32h	Award Winner 2020
	Ricoh	Pro TF6250	Finalist
Flatbed/hybrid printer > 250 sqm/h	Durst	Rho 2500	Award Winner 2020
Print & cut solution	Roland DG	VersaUV LEC2-300	Award Winner 2020
	Zünd	Press Cutting Tool – PCT	Next year
Object printer	Mutoh	XpertJet 461UF / 661UF	Award Winner 2020

RESULTS

PRINTING SYSTEMS

LARGE/WIDE FORMAT PRINTING

Category	Company	Product	Judging results
Special application printer			No Award in 2020
	Roland DG	VersaUV LEC2-300*	Finalist
Textile printer roll-to-roll < 100 sqm/h			No Award in 2020
	Colorjet	SubliXpress*	Nominee
	Mimaki	Tx300P-1800 MkII	Nominee
	Mutoh	XpertJet 1641SR / 1682SR*	Nominee
Textile printer roll-to-roll > 100 sqm/h			
	Aleph	LaForte 200 / 400*	Nominee
	Mtex	Dragon*	Finalist
	Mtex	Falcon*	Award Winner 2020
Direct to garment printer			
	Ricoh	Ri 1000	Finalist
	Roland	Texart XT-640S-DTG	Award Winner 2020

* 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 2020: 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

Canon | Océ Colorado
1650

Mimaki | UJV100-160

Mutoh | XpertJet
1641SR / 1682SR



In the many options offered in this segment the quality and speeds are a big factor as the cost per print becomes lower every time.

THE WINNER

Mimaki | UJV100-160

UJV100-160, a roll-to-roll UV-curable inkjet printer available to sign makers in countries outside of the EU. Developed for these markets, this latest addition to Mimaki's extensive product portfolio is designed for high quality printing and maximum productivity. Featuring two newly developed printheads and the new DAS (Dot Adjustment System) feature, the UJV100-160 is a

robust and efficient solution for sign makers. DAS automates conventional dot placement (dot position and feeding correction) for maximum image quality, saving operators time and reducing manual errors.

Technical Committee's opinion:

Mimaki offers a price breaking 160cm device with UV printing speeds up to 28sqm. This printer offers not only CMYK but has also the option to in-

stall white and clear inks. The printer is ideal for entry level printing (Available only outside the EU when submitted) The new innovative DAS system helps to maintain the quality because of the control of dot placement and media feeding, one of the most common errors in inkjet printing. The UJV100-160 is an excellent entry level printer with many features of the larger Mimaki printers.

› www.mimaki.com

ROLL-TO-ROLL PRINTERS < 320 CM



FINALISTS

Agfa | Oberon RTR3300

Mimaki | SWJ-320EA



The 3.2 meter market is expanding rapidly with many players. Almost every manufacturer now has a solution in this segment. The 3.2 market is offered in UV, Solvent and water-based inks. Today the speed and quality matches the small large format printing devices.

THE WINNER Agfa | Oberon RTR3300

The Oberon RTR3300 is a dedicated 3.3 m high-end roll-to-roll machine that combines productivity and quality with an extensive media scope and a unique ease of use.

The Oberon RTR3300 covers significant media diversity and a wide range of applications, including mesh and backlit prints. This enables you to execute all your customers' creative wishes, while also

inspiring them to explore new directions.

Technical Committee's opinion:

This sturdy and reliable wide format air cooled LED printer comes in a CMYK plus white and a six colour version. (All inks are Green Guard Gold certified) Powered by the Asanti Rip solution and filled with new flexible Agfa UV inks. The printer is capable of giving good solids in the difficult colours like Red and Black. The

dual-roll option is capable of handling two rolls each up to 1.6 meters wide offers extra productivity. A number of smart features optimize the media use are included in the system. Also unique is the water cooled printing table that keeps the print zone at room temperature. Price performance of this printer makes it a good all round 3.2m solution.

› www.agfa.com

ROLL-TO-ROLL PRINTERS > 320 CM



FINALISTS

EFI | Vutek D Series



The only submission in this category but still a formidable piece of equipment.

THE WINNER EFI | Vutek D Series

The EFI Vutek D Series consists of two advanced roll-to-roll LED printers, the EFI Vutek D3r and the D5r. These printers were created especially for the industrial printing demands of high-quality volume producers with the ability to produce a wide range of applications, from indoor closely viewed graphics to fleet graphics, car wraps and truck-side curtains.

With native 7 pl UltraDrop Technology, these printers deliver true 1.200 dpi resolution and offer many value-added options, such as inline cutting and slitting, automatic double-sided printing, media handling accessories, and more.

Technical Committee's opinion:

EFI managed to create the fast and very flexible wide format midrange 3- and 5-meter roll-to-roll printer on the market, packed

with valuable features - form selection of print quality modes for indoor and outdoor applications to useful options for spot gloss and matte varnish and vast abundance of printing and post printing options. These printers are equipped with the Cool LED curing system, it will be good fit for environmentally friendly and cost aware digital shops.

› www.efi.com

FLATBED/HYBRID PRINTER < 250 SQM/H



FINALISTS

EFI | Pro 30f

EFI | Vutek 32h

Ricoh | Pro TF6250



Hybrid printers are becoming more and more the standard in the market. The reason is simple the flexibility offered is large and the options are needed in fast changing environments.

THE WINNER EFI | Vutek 32h

The 3.2-metre EFI Vutek 32h LED hybrid inkjet printer is a versatile solution that can print on materials up to 5.08-cm thick in resolutions of true 600 or 1000 dpi. It features eight colours plus white and the ability to do multi-layer printing in a single pass, as well as optional clear ink. Precision printing with UltraDrop Technology 7 pl grayscale printheads and

eco-friendly EFI LED »cool cure« technology opens doors for signs and display graphics producers to get into high-volume, high-quality production level printing.

Technical Committee's opinion:

Very fast hybrid wide (3,2 m) printer can print up to 60 - 1.4 m x 2.8 m boards per hour. With 7pl print-head, up to 1000 dpi resolution and small footprint this printer has 8-color plus white

configuration and it uses LED curing. It's also can feed boards continuously and print on two rolls. Bi-directional communication capability between the fast Fiery DFE and printer increases workflow efficiencies.

› www.efi.com

FLATBED/HYBRID PRINTER > 250 SQM/H



FINALISTS

Durst | Rho 2500



Pure flatbed printers are essential to the production of boards and ridged materials. There are few new products introductions this year.

THE WINNER Durst | Rho 2500

With the introduction of the Rho 2500 Series, an evolution of the Rho 1300 Series, a new standard in resolution and modularity was defined in its class. The new 8 pl printheads allow higher resolution, finer printing quality and excellent sharpness. With the Variodrop Printing Technology it is possible to print in different resolutions and drop sizes.

The modular system of three different versions (Durst Rho 2500 S, M, L) enable a flexible printer setup with upgrade possibilities at any time.

Technical Committee's opinion:

The Durst Rho 2500 brings us to the next stage of high speed printing with multi-pass systems and 8pl drops, while preserving 1000 dpi quality. This modular system can be supplied in various configurations, whereby the

integration of the in-house developed Durst Workflow Print Production and Durst Analytics increases the overall productivity. Max speeds is up to 1200sqm/380 boards (122x255cm) per hour.

› www.durst-group.com

PRINT & CUT SOLUTION



FINALISTS

Roland DG | VersaUV
LEC2-300



Entry level markets are dominating the new print and cut solutions. Growing and renewing the established user base is a priority for many companies. Although only a few new products were introduced we still have a winner.

THE WINNER Roland DG | VersaUV LEC2-300

The VersaUV LEC2-300 is a streamlined UV printer/cutter device. It does the job of multiple devices by directly printing, cutting, creasing and embossing card, film and other materials in one seamless workflow to respond to clients' diverse needs, delivering on-demand and on time.

Technical Committee's opinion:

The concept to bring multiple worlds together, print & cut with a UV printer is not new but the ability to use easy templates for example Covid19 applications are included in the box. The VersaUV also includes the possibility to print 2x CMYK or CMYK, white and clear and is able to have embossing textures by printing in multi-pass. Customers have the ability to design their own embossing textures. One

of the features that we like is the option to be able to crease and cut with the same printer, giving it a full workflow for many smaller runs, like card printing and specials. Spot finishing is also possible with the clear UV ink. The completeness of the offering and the small footprint brings this printer to a higher

› www.rolanddg.com

OBJECT PRINTER



FINALIST

Mutoh | XpertJet 466UF /
661UF



The only submission in this category. Typical applications encompass prints on phone covers, personalised gifts, photo products, promotional items, small series or prototyping of packaging samples etc.

THE WINNER

**Mutoh | XpertJet 461UF /
661UF**

The printers respond to the increasing demand for added value personalised prints and bespoke small-lot production of commercial and industrial print applications. Both printers can be setup in either CMYK or CMYK + White + Varnish configuration and are suited for direct printing onto a wide variety of materials including three dimensional objects up to 15 cm thick.

Technical Committee's opinion:

The Next gen Mutoh object printer with a bigger size table. The totally new chassis to make this printer more robust and industrial have caught the attention of the jury. Features like the automatic leveller, a new lower VOC UV ink set, able to print gloss and matt finishing on the same object makes this printer a true next gen printer. The UV Lamp is controlled by a Mutoh developed IDC controller

that allows different intensities in regions of the lamp. This gives the user the ability to control the lamps thus the gloss and matt across the object. New is also the included Cad-Link layer software, this makes it easier to use and to setup the layers. Having all the features in the box makes this product a worthy winner in the object printing market.

› www.mutoh.com

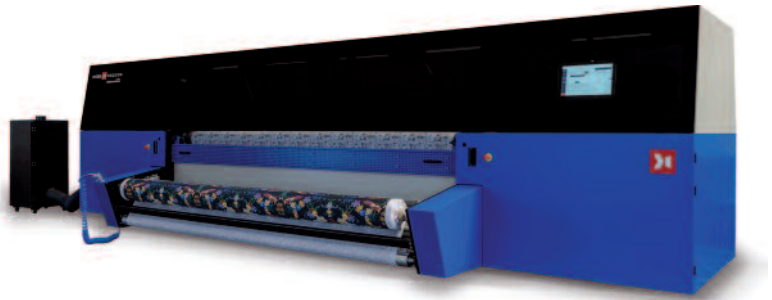
TEXTILE PRINTER ROLL-TO-ROLL > 100 SQM/H



FINALIST

Mtex | Dragon

Mtex | Falcon



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 Mtex | Falcon

Mtex Falcon has a fully automated feeder, transport and take up system controlled by motion and air pressure. This will assure the use of any fabric, under the specs of Mtex Falcon, being able to be printed with quality and speed. Special head assembly combines and gives the flexibility of high quality print, wider color gamut and speed with

proprietary electronics, firmware and software. Mtex Falcon is Unique on this since is our long time experience to built in fixation unit in one process.

Technical Committee's opinion:

This Direct to fabric water based organic pigment printer was specially developed for home fashion and decor. The build in fixation system helps to save space, power and labour cost as there is no need for two step proces-

sing. The versatility of the printing on polycotton and cotton substrates and the amazing rub fastness tested with the ISO 105 X12:2016, the above average UV resistance made that this printer is a next generation in the market for home décor.

› www.mtexns.com

DIRECT TO GARMENT PRINTER



FINALIST

Ricoh | Ri 1000

Roland DG | Texart
XT-640S-DTG



DTG (Direct to garment) printers offer the ease of printing directly onto finished flat textile objects like t-shirts, bag, accessories and interior décor. This is a growing market and there are many players entering or expanding into this new segment.

THE WINNER Roland DG | Texart XT-640S-DTG

The Texart XT-640S-DTG is a multi-station, direct-to-garment printer which prints full-colour graphics directly onto cotton-based T-shirts and apparel, quickly and colourfully.

Texart XT-640S-DTG enables users to print durable, full-colour designs, photos, logos and text directly onto a wide range of cotton, cotton-rich and white

polyester T-shirts and apparel. CMYK and high-density White inks achieve vibrant effects on white or coloured garments, all with a natural look and feel.

Technical Committee's opinion:

This is the first interesting alternative to existing printers in the market. The possibility to print different sized t-shirts on the same print bed, the ease of use of the multi-size jig makes this printer diffe-

rent. The system allows for a good white because of a high density ink so that printing on coloured t-shirts or other type garments is no problem. The speed of 450 shirts per hour (maximum) is impressive. The print quality is excellent at 1440dpi max but mostly a lower dpi print will be used.

› www.rolanddg.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 A4 TO B3

Xerox | PrimeLink C9070

The Xerox PrimeLink C9070 Printer delivers the most adaptable capabilities on the market: Unmatched application flexibility, unsurpassed image quality, professional-grade finishing, enhanced reliability and security, plus advanced tools and automation.

CUTSHEET PRINTER COLOR UP TO SRA3 < 499.000 A4/MONTH

Ricoh | Pro C5300s

The Ricoh Pro C5300s is designed to fit print environments of all sizes. These compact and affordable colour presses are a right-sized solution for print-focused businesses looking to benefit from high-quality colour, exceptional media flexibility, reliable performance (up to 80 ppm) and a range of finishing options. With such impressive attributes, speeds up to 80 ppm and multi-function capabilities, these systems deliver a total package.

CUTSHEET PRINTER COLOR UP TO SRA3 < 500.000 A4/MONTH

Kyocera | Taskalfa Pro 15000c

The TASKalfa Pro 15000c breaks new ground by merging productivity with affordability in a high-speed cutsheet inkjet production printer. It offers you a cost-effective alternative to conventional printing in High productivity and high personalization, transactional, trans-promotional and direct-mail applications. Built to produce up to 1 million pages per month with the ability to load and unload paper, and speed, versatility and reliability, it features unique print heads and inkjet replenish inks while printing.

CUTSHEET PRINTER COLOR UP TO B3 (+)

Canon | varioPrint iX-series

The Canon varioPrint iX-series is a highly productive inkjet sheetfed press which revolutionizes the commercial printing business experience. Thanks to its stunning image quality and wide media range, commercial printers can say »Yes« to virtually any job, then print it with the productivity and cost-efficiency of inkjet for more profit and more business.

CUTSHEET PRINTER COLOR UP TO B1 (+)

Landa | S10 Nanographic Printing Press

Engineered for the packaging and converting industries, the single-sided B1 format Landa S10 Nanographic Printing Press enables just-in-time mainstream efficiency for the production of folding carton and POP/POS applications.

LABEL PRINTER SMALL SIZE AND LOW VOLUME

Roland DG | VersaUV LEC2-300

See »Print and cut solutions«.

COMBINES LABEL AND FLEXIBLE PACKAGING PRINTER

Bobst | Master DMS

Master DM5 is the ultimate hybrid press made by Bobst. Digital, flexo, finishing and converting are perfectly integrated to deliver a high level of productivity in a single pass. Each process is digitally automated for non-stop job changes. Exceptional print quality at up to 100 m/min. guarantees the fastest time-to-market for most label applications.

RESULTS

PRINTING SYSTEMS

COMMERCIAL PRINTING

Category	Company	Product	Judging results
Cutsheet color A4 to B3	Xerox	PrimeLink C9070*	Award Winner 2020
Cutsheet color up to SRA3 < 499.000 A4/month	Ricoh	Pro C5300s*	Award Winner 2020
Cutsheet color up to SRA3 > 500.000 A4/month (•)	Kyocera	TASKalfa Pro 15000c*	Award Winner 2020
Cutsheet color B3 (+) (•)	Canon	varioPrint iX-series	Award Winner 2020
Cutsheet color B3 (1)	Landa	S10 Nanographic Printing Press*	No Award in 2020 Finalist
Label Printer small size and low volume	Roland DG	VersaUV LEC2-300	No Award in 2020 Finalist
Combined label and flexible packaging printers	Bobst	Master DMS	Award Winner 2020

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