

Technical Report and Résumé

**Based on the submissions for the
EDP Awards 2015/2016**

June 2016



Difficult Choices

Some words on this year’s EDP Award submissions



The European Digital Press Association (EDP) and the EDP Awards are now ten years old. During that period the EDP Awards have become, as one participant called it, the “most prestigious and valuable Technical Award for the digital production business in Europe.” Thank you for the compliment! However, the EDP Association also recognises that it can only organise these Awards because manufacturers are willing to submit their products and give us insight for judging. It’s a two-way process.

During the past ten years we have seen several changes in the way the industry introduces products. In the old days, the EDP Awards would attract several unique products in almost every category. Groundbreaking products are still submitted, but as the market matures we now see more upgrades and reworks of existing products than completely new ones. Where we have been used to this situation for years when it comes to software, it is also becoming more of the norm with hardware, too. This makes judging products more complex. It is impossible now to make a list at the start of the evaluation process, whereby we can simply count the number of changes to a product to make sure it can compete with other products in the same category.

As the EDP Awards recognise innovation, judging considerations include the way a product works, how it introduces new techniques or materials, whether it enables printing onto other substrates etc. Also evaluated is a product’s price/performance capability, and whether it can bring down the cost of production for instance. Sometimes a relatively simple add-on gives an existing product access to a completely new area. But, despite looking at various measures of innovation, in some cases the EDP decides there is not enough development within a category to present an award.

Talking about categories – following last year’s awards, these were reorganised to try and make more generic sections. However, submitting companies have still felt the need to create their own categories to accommodate certain products...

In drupa years the pressure is on when it comes to introducing new products, and we noticed that several submitted products making their debut at the show in Düsseldorf. Some of these we judged in this year’s awards – depending on whether there was enough information available for the jury to

make an informed decision (where there were videos and so on, and whether the submitted equipment could already be ordered). Where not enough supporting material was yet available a serious validation was not possible. So we advise vendors to submit the products again next year.

Until then,

Herman Hartman
Chairman of the EDP Technical Committee

The EDP Technical Committee

Chairman:
Herman Hartman (Editor in Chief, signPro Benelux)

Members:



Rob Haak
(Consultant, President, SPIKIX)



Romeo Hutter
(Editor in Chief, Publisher, Switzerland)



Igor Terentyev
(Editor in Chief, Publish, Russia)

The judging process

As soon as a product is submitted the evaluation process starts and the members of the Technical Committee investigate the products’ features and qualities – by consulting other experts as well. At the end of the submission period the Technical Committee nominates the best ones in a category for the final judging round. In a special EDP General Assembly representatives of all the member magazines discuss the quality again – also under aspects such as value to the user, support and service and other arguments. They finally decide which product is worth being awarded an EDP Trophy.

The Nominees and Winners

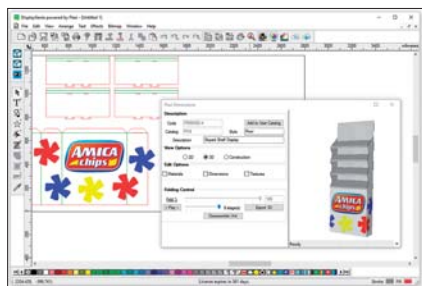
SOFTWARE

Best print support/design software

Nominated for an EDP Award by the Technical Committee respectively the Jury (in alphabetic order):

- ONYX 12
- SAi DisplayGenie
- XMPie PersonalEffect 8.0

The Winner: **SAi DisplayGenie**



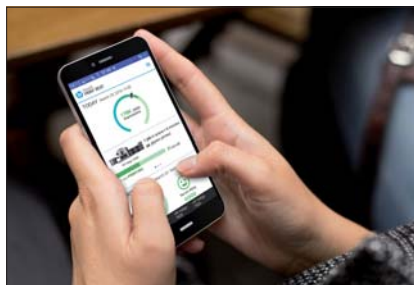
This powerful three-dimensional design software for POP display and packaging is an easy to use open product that fits into several workflows. It provides graphic and structural design capabilities and an animated three-dimensional folding preview option, plus it has the ability to export rotational designs as 3D PDFs.

Best workflow and management solution

Nominated: **HP PrintOS**

- ONYX 12
- Zünd Cut Center - ZCC 2.5

The winner: **HP PrintOS**



This is a breakthrough cloud-based product that manages HP Indigo, Pagemark, Scitex and Latex printers in various locations. Added to which it has an intelligent dashboard that provides a useful workflow breakdown. The cloud connectivity allows customers to monitor print status remotely.

Best special application software

Nominated: **HP SmartStream Mosaic**

The Winner: **HP SmartStream Mosaic**



Mosaic is a dynamic personalization application of HP SmartStream Designer for Adobe Creative Cloud. Indeed it is the best thing that has happened in variable data printing. It means brand owners have a real reason to use digital print for mass market projects.

PRINTING SYSTEMS Production Printing

Best print support system/tool

Special Recognition: **digi-ci Easy Transporter**



Best roll to cutsheet A4+ printer

Nominated: **Xerox RIALTO 900**

The Winner: **Xerox RIALTO 900**



This is a category-creating roll-to-cutsheet product because of the implementation possibilities it provides. It's compact – under 7sqm – and the best tool for jobs requiring A4 colour prints in a very short amount of time.

Best cut sheet colour light production

Nominated: **Konica Minolta bizhub PRESS C71hc**

The Winner: **Konica Minolta bizhub PRESS C71hc**



This is the second generation of what is still a unique four-colour light production printer, with a wide colour gamut based on a new and more robust print engine than that used in the Konica Minolta bizhub Press C1070P model. The other advantages are lower temperature toner fusing (allowing more media to be used) and the possibility to print on banner material.

Best cut sheet colour A3+ printer over 200,000 prints A4/month

Nominated: **Canon imagePRESS C10000VP/C8000VP**

HP Indigo 7900 Digital Press

Xerox iGen 5 Press

The winner: **Canon imagePRESS C10000VP/C8000VP**



This is the newest and fastest Canon toner-based cutsheet digital printer, and based on a completely new engine. With this product you get offset quality from a toner machine.

Best cut sheet colour B2 + printer

Nominated: **Konica Minolta AccurioJet KM1**

The winner: **Konica Minolta AccurioJet KM1**



A category-creating B2 sheetfed UV inkjet printer that opens up a world of possibilities for producing value-added products on a wide range of media, including cartonboard, metalised and plastics.

Wide Format Printer

Best wide format MFP for CAD

Nominated: **HP DesignJet T830**

The winner: **HP DesignJet T830**



This compact DesignJet model – aimed at construction professionals and CAD teams – is worth particular note because of its low print cost. Mobile and affordable.

Best photoprinter

Nominated: **Epson SureColor SC-P20000**

The winner: **Epson SureColor SC-P20000**



A new generation ten-colour, 64 in wide photoprinter with exciting quality using the newest generation printhead and high-precision media feed technology, including a newly developed camera-based paper feed stabiliser.

Best wide format roll-to-roll printer up to 170 cm

Nominated: **Epson SureColor SC-S80600**

Roland DG SolJet EJ-640

The winner: **Roland DG SolJet EJ-640**



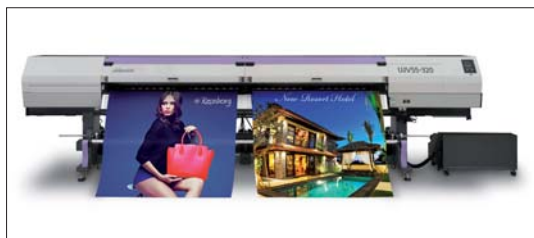
This is a well constructed machine that promises significantly lower ink costs. It holds eight litres of ink on board for long unattended print runs.

Best wide format roll-to-roll printer up to 320 cm

Nominated: **HP Latex 3500 Printer**

Mimaki UJV55-320

The winner: **Mimaki UJV55-320**



This is an innovative system for a good price. It uses flexible inks and also worth note is that it helps the operator during two-sided printing. The six-colour printer can handle applications up to 3.2m wide, has a print resolution up to 1200dpi and top speed of 110 sqm/hr.

Best wide format flatbed/hybrid printer up to 250 sqm/h

Nominated: **Agfa Graphics Jeti Mira**

The winner: **Agfa Graphics Jeti Mira**



The total cost of ownership is impressive with this printer, which offers six-colours plus white and printing speeds up to 227sqm. A dockable roll-to-roll option increases its flexibility.

Best wide format flatbed/hybrid printer over 250 sqm/h

Nominated: **Agfa Graphics Jeti Tauro**

Inca Onset X-Series

The winner: **Inca Onset X-Series**



A super product. It is upgradeable and flexible – it can be used with many automation tools. Plus, there's the fifth colour – orange – which helps with the colour gamut.

Best special object printer

Nominated: **Mimaki UJF-7151 plus**

Roland DG VersaUV LEF-300

Sawgrass Virtuoso SG400/SG800

The winner: **Mimaki UJF-7151 plus**



This is the fastest printer ever in its category. Both the extra print-heads and the table (which can be as large as 51 x 71cm) bring this LED UV printer into new areas like industrial print and packaging samples.

Best textile printer roll-to-roll up to 100 sqm/h

Nominated: **Mimaki Tx300P-1800**

Mtex Blue

The winner: **Mimaki Tx300P-1800**



This direct to textile printer, which uses new printheads and has a new construction, really comes into its own in two-pass mode where it delivers a good quality sellable product. It offers a choice of five inks – sublimation, textile pigment, disperse, reactive and acid dye.

Best textile printer roll-to-roll over 100 sqm/h

Nominated: **Mimaki TS500P-3200**

Durst Alpha series

Durst Rhotex 500

The winner: **Durst Alpha series**



This is an amazing breakthrough machine for multi-pass printing. It makes it possible to print both soft signage, fashion and in-

terior textiles on the same printer, and it is suitable for high volume production. With possibilities like inline pre-treatment it delivers a flexible solution for print service providers.

Best corrugated printer/solution

Nominated: **Bobst Digital Printing Press for Corrugated HP Scitex 17000 Corrugated Press**

The winner: **Bobst Digital Printing Press for Corrugated**



A real newcomer that is highly productive, and that fits inline with other Bobst products. It is designed to deliver four-colour digital post print directly onto a broad range of coated and uncoated corrugated media. It can handle sheet sizes up to 1.3 x 2.1m and runs at up to 200m/min.

Best label printer

Nominated: **Domino N610i seven-colour press Gallus DCS 340 (now Labelfire 340)**

The winner: **Domino N610i seven-colour press**



A full inkjet solution with very good colour capability. It's a flexible system that will meet the requirements of packaging resp. brand owners. And the price of ownership is good.

Industrial printing

Best Industrial production solution

Nominated: **Barberan Jetmaster BIJB-1260 NMP Systems Direct Print powered by KHS**

The winner: **NMP Systems Direct Print powered by KHS**



This is a direct-to-bottle system that delivers inkjet at full speed on PET. The first full 'talking bottle' version.

Best industrial textile production

Nominated: **SPG Prints Pike**

The winner: **SPG Prints Pike**



The Pike, built for industrial production, pushes the boundaries for digitally printed textiles. It gives textile printers the opportunity to switch to various images within one roll, and offers very short turnaround times compared to traditional textile printing.

Technical Committee's choice

The winner: **Heidelberg Omnifire 250/1000**



The first realization of a new concept for printing on irregular objects and should allow for the creation of new business models.

FINISHING

Best wide format print-and-cut solution

Nominated: **Roland TrueVIS VG-640/540 Printer/Cutters (VG-640 and VG-540)**

The winner: **Roland TrueVIS VG-640/540 Printer/Cutters (VG-640 and VG-540)**



This series brings print and cut more into the production area, which should attract more users. As the names suggest, the printer/cutters are available in 64 in and 54 in widths, and introduce new printhead technology and new inks to the Roland range.

Best label printer finishing solution

Nominated: **Durst Tau 330 with inline LFS 330**
MGI JETvarnish 3DW & iFOIL

The winner: **MGI JETvarnish 3DW & iFOIL W**



This integrate roll-to-roll print embellishment solution fills the need for a product to deliver spot varnish in a digital label workflow. It provides foil-on-demand (FOD) and variable data foiling (VDF).

Best wide format finishing solution

Nominated: **Mimaki CFL-605RT**
Trotec SP 3000
Zünd D3 Digital Cutter

The Winner: **Zünd D3 Digital Cutter**



Depending on the job, throughput can be doubled by using two beams that work independently of each other. An intelligent cutter controller allocates the work optimally between the beams for the highest productivity.

INKS & TONER

Best textile ink solution

Nominated: **Sawgrass ChromaBlast-HD Inks**
Durst Alpha Ink P

The winner: **Durst Alpha Ink P**



The Durst Alpha ink P ink is an important step forwards when it comes to pigmented water-based textile inks that can be used on both polyester and cotton and a wide range of mixed materials.

SUBSTRATES

Best environmentally friendly substrate

Nominated: **3A Composites DISPA**

The winner: **3A Composites DISPA**



Dispa is a 100% cellulose fibre product that is fully recyclable. That a composites company like this comes up with what is an all natural fibre board is a real signal to the industry.

Best special application coating

Nominated: **EFI Armor specialist coatings**

The winner: **EFI Armor specialist coatings**



An interesting product that comprises four options. Armor UVR is a clear coat for use of rigid substrates. Armor UVF protects flexible media from UV/weather. UVT is for use with rigid materials where water/scuff resistance are essential. And Armor WB is a water-based clear coat for flexible applications.

Special Recognition best display hardware

The Winner: **LION Panel Stand**



The members of the EDP Association, Europe's 20 leading trade magazines on digital production, congratulate all EDP Award winners and nominees and thank all participants and submitters for their cooperation.

Entries to the EDP Awards 2015/2016

Category	Product	*) EDP member submissions	Judging Result
SOFTWARE			
Best print support software	EFI DirectSmile Cross Media v7		No Award in this Category
	EFI Fiery XF and Fiery proServer 6.2.2		
	EFI Fiery Job Parallel HyperRIP		
	EFI VUTEk Go		
	ONYX 12		
Best layout & design software	Quark Xpress 2015*		No Award in this Category
	Sawgrass CreativeStudio Online		
	SAi DisplayGenie		
Best print support / design software	SAi DisplayGenie		Nominee / Winner
	ONYX 12		Nominee
	XMPie PersonalEffect 8.0		Nominee
	Adobe InDesign CC 2015*		
	CorelDRAW Graphics Suite X8*		
	EFI DirectSmile Cross Media 7		
	EFI Fiery Job Parallel HyperRIP		
	EFI Fiery XF and Fiery proServer 6.2.2		
	EFI VUTEk go		
	HERMA roll calculator		
	Quark Xpress 2015*		
	Sawgrass CreativeStudio Online		
	Sawgrass CreativeStudio Print Manager		
	Zünd Design Center - ZDC 2.2.0		
Best web to print software	Aleyant Pressero		No Award in this Category
	EFI Digital StoreFront web-to-print v9		
	HP wallart suit 2.0		
Best workflow and management solution	HP PrintOS		Nominee / Winner
	ONYX 12		Nominee
	Zünd Cut Center - ZCC 2.5		Nominee
	Canon PRISMAdirect*		
	EFI Fiery CMYK+ and Smart Estimator		
	EFI Fiery XF and Fiery proServer 6.2.2		
	EFI Midmarket Productivity Suite 4.0		
	Extensis Universal Type Server		
	FlowControlServices UNI.SEL.FLOW		
	Ricohs digital book printing solution		
	Sawgrass PowerDriver Print and Colormanagement		
Best special application software	HP SmartStream Mosaic*		Nominee / Winner
	Extensis FontLink		
	Zünd Cut Center Software - ZCC 2.5		
Best cross media marketing portal	EFI DirectSmile Cross Media v7		No Award in this category
Best business process management solution	FlowControlServices UNI.SEL.FLOW		No Award in this Category

Submissions Chart 2015/2016



Best layout- and design solution	Zünd Design Center - ZDC 2.2.0	No Award in This Category
Best special application software	Extensis FontLink HP SmartStream Mosaic*	No Award in this Category
Best cloud based software solution	Aleyant Pressero HP PrintOS	No Award in this Category
Best print support software	Sawgrass CreativeStudio Print Manager XMPie PersonalEffect 8.0 HERMA roll calculator EFI Fiery CMYK+ and Smart Estimator	No Award in this Category
HARDWARE		
Best print support tool	GEW ArcLED RHINO	No Award in this Category
Best print support system	Digital Consult Integral Easy Transporter	Special Recognition
PRINTING SYSTEMS Commercial/Production		
Best multi functional printer (MFP)	Konica Minolta bizhub PRO 1100	No Award in this Category
Best web fed color printer	Xerox RIALTO 900 HP Indigo 50000 Digital Press	No Award in this Category
Best roll to cutsheet inkjet A4+ printer	Xerox RIALTO 900 Pitney Bowes AccelJet*	Nominee / Winner
Best cut sheet monochrome A3+ printer	Konica Minolta bizhub PRO 1100	No Award in this Category
Best cut sheet color light production	Konica Minolta bizhub PRESS C71hc*	Nominee / Winner
Best cut sheet color A3+ printer > 200.000 A4/month	Canon imagePRESS C10000VP/C8000VP* HP Indigo 7900 Digital Press Xerox iGen 5 Press Xerox Color 800i/1000i Presses	Nominee / Winner Nominee Nominee
Best cut sheet Color B2 + printer	Konica Minolta AccurioJet KM-1* Heidelberg Primefire 106* HP Indigo 12000 Digital Press	Nominee / Winner For next year For next year
Best digital inprint system	Kern Print Module	No Award in this Category
Best inline colour printing system	Kern Print Module	No Award in this Category
PRINTING SYSTEMS Wide Format		
Best wide format MFP for CAD	HP DesignJet T830	Nominee / Winner
Best photo printer	Epson SureColor SC-P20000	Nominee / Winner
Best wide format roll to roll printer up to 100 cm	Sawgrass VJ 628 Printer	No Award in this Category
Best wide format roll to roll printer up to 170 cm	Roland DG SolJet EJ-640 Epson SureColor SC-S80600 Mutoh ValueJet 1604X	Nominee / Winner Nominee

Submissions Chart 2015/2016

Best wide format roll to roll printer up to 170 cm (aqueous)	Epson SureColor SC-P20000	No Award in this Category
Best roll to roll dye sublimation printer	Epson SureColor SC-F9200	No Award in this Category
Best UV LED flatbed printer	Roland DG VersaUV LEF-300	No Award in this Category
Best wide format roll to roll printer up to 320 cm	Mimaki UJV55-320	Nominee / Winner
	HP Latex 3500	Nominee
	HP Latex 3100	
Best wide format flatbed/hybrid printer up to 250 sqm/h	Agfa Graphics Jeti Mira	Nominee / Winner
	Durst Rho WT 250 HS	For next year
Best wide format flatbed/hybrid printer > 250 sqm/h	Inca Onset X-series*	Nominee / Winner
	Agfa Graphics Jeti Tauro	Nominee
	EFI VUTEk HS125 Pro	
Best special object printer	Mimaki UJF-7151 plus	Nominee / Winner
	Roland DG VersaUV LEF-300	Nominee
	Sawgrass Virtuoso SG400/SG800 HD	Nominee
	EFI H1625-SD	
Best textile printer roll-to-roll up to 100 sqm/h	Mimaki Tx300P-1800	Nominee / Winner
	Mtex Blue*	Nominee
	Epson SureColor SC-F9200	
	Mimaki TS300P-1800	
	Mtex Vision*	
	Mutoh ValueJet 1938WX	
	Sawgrass VJ 628 Printer	
Best textile printer roll-to-roll >100 sqm/h	Durst Alpha series*	Nominee / Winner
	Durst Rhotex 500*	Nominee
	Mimaki TS500P-3200	Nominee
	EFI VUTEk FabriVu Series Printers	
	Robustelli Monalisa EvoTre*	
	Zimmer Colaris Infiniti*	
Best corrugated printer/solution	Bobst Digital Printing Press for Corrugated	Nominee / Winner
	HP Scitex 17000 Corrugated Press	Nominee
	Durst Rho 130 SPC	For next year
Best Label Printer	Domino N6101 7 color press*	Nominee / Winner
	Gallus DCS 340 (now - Labelfire 340)*	Nominee
	Konica Minolta bizhub PRESS C71cf*	Nominee
	HP Indigo 8000 Digital Press	
	Panorama DP-3 series*	
PRINTING SYSTEMS Industrial		
Best industrial production solution	NMP Systems Direct Print powered by KHA*	Nominee / Winner
	Barberan Jetmaster BIJB-1260*	Nominee
Best industrial textile production	SPG Prints Pike*	Nominee / Winner
	Konica Minolta Messenger-6*	For next year

Submissions Chart 2015/2016



Technical Committee's choice	Heidelberg Omnifire 250/1000	Winner
FINISHING		
Best wide format print & cut solution	Roland DG TrueVIS VG Series Printer/Cutters	Nominee / Winner
	Mimaki CFL-605RT	
Best label printer finishing solution	MGI JETvarnish 3DW & iFOIL W*	Nominee / Winner
	Durst Tau 330 with inline LFS 330	Nominee
	Gallus DCS 340*	
	HP Indigo 8000 Digital Press and ABG Fast Track	
Best wide format finishing solution	Zünd D3 Digital Cutter	Nominee / Winner
	Mimaki CFL-605RT	Nominee
	Trotec SP 3000	Nominee
Best wide format finishing solution offline	Trotec SP 3000	No Award in this Category
Best wide format finishing device	Zünd Sheet Feeder with Universal Roboter UR	No Award in this Category
Best cut sheet finishing solution offline	Trotec SP 3000	No Award in this Category
Best flatbed cutting plotter	Mimaki CFL-605RT	No Award in this Category
Best enhancement solution inline	Zünd Automatic Router Bit Changer - ARC	No Award in this Category
Best finishing add on	Zünd Automatic Router Bit Changer - ARC	No Award in this Category
INKS & TONER		
Best environmental ink/toner	Velvet Jet textile water bases pigment ink	No Award in this Category
Best solvent ink technology	easy inks Eco Solvent Exact ink	No Award in this Category
Best water based ink technology	Sawgrass SubliJet-HD Inks	No Award in this Category
	Velvet Jet textile water based pigment ink	
Best textile ink solution	Durst Alpha Ink P*	Nominee / Winner
	Sawgrass ChromaBlast-HD Inks	Nominee
	Bordeaux Velvet Jet textile water based pigment ink	
SUBSTRATES		
Best environmental friendly substrate	3A Composites DISPA	Nominee / Winner
Best self adhesive (non PVC)	Decoprint GOLD ADHESIVE	No Award in this Category
Best fabric woven	Decoprint ACQUANIGHT	No Award in this Category
Best special application substrate	Senfa ESTOMPE	No Award in this Category
Best special application coating	EFI Armor specialist coatings	Nominee / Winner
Best adhesive for digitally printed products	Planatol Planamelt	No Award in this Category
Best display hardware	LION Panel Stand	Special Recognition

For more information on the EDP Association and Europe's leading trade magazines please visit our webpage www.edpassociation.com

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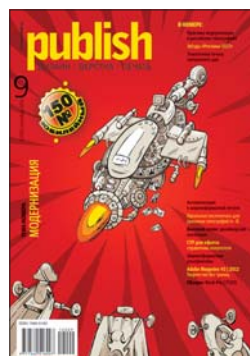
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Turkey



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