



Drupa 2016分享會 (包裝印刷技術概覽)

蘇華森
新洲印刷有限公司
日期：二零一六年六月二十日

2016 Drupa 摘要



- 包裝的勃起
- 數碼技術百花齊放
- LED烘乾繼續成熟
- 技術, 產品合作, 加速投進市場
- 機器速度, 質保, 智能提升, 減低操作人技術要求
- 機器代人, 減少工作人手
- 連貫(一條龍)性生產設計, 減少半制品
- 雷射代摸切
- 中國加工設備參展遞增
- 賣家投資未來

包裝的勃起

packagePRINTING
DIGITAL PRINTING
Topics- Business- Guide Jobs Store Excellence At

Packaging Plays a Major Role in drupa Mega Trend: Print 4.0



Packaging printing: A highlight at drupa 2016 - and beyond
30.10.2015 | id:9426178

DIGITAL PRINTING, FLEXO PRINTING

Packaging Takes Center Stage at drupa



By Cory Francer

May 17, 2016



DIGITAL PRINTING

HP Takes the First Step Toward Digital Combination Printing

June 7, 2016 at 7:49 am

PACKAGING
WORLD

COLUMN/OPINION | DECEMBER 18, 2015

Published on the Packaging World Web site

Packaging on centerstage at drupa

While drupa is the place to see and be seen for those in commercial packaging professionals,

or really been a must for

drupa 2016 Wraps Up: 260K Visitors from 188 Countries; 29% Placed Orders at Show

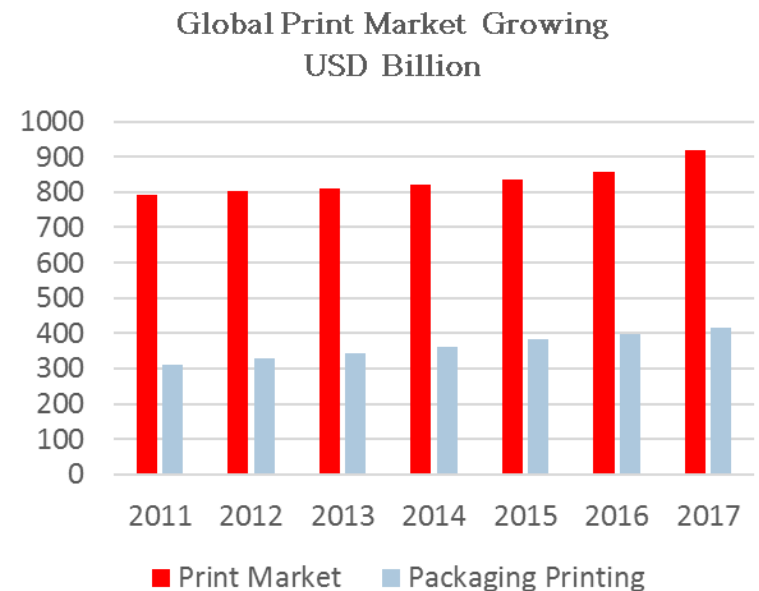
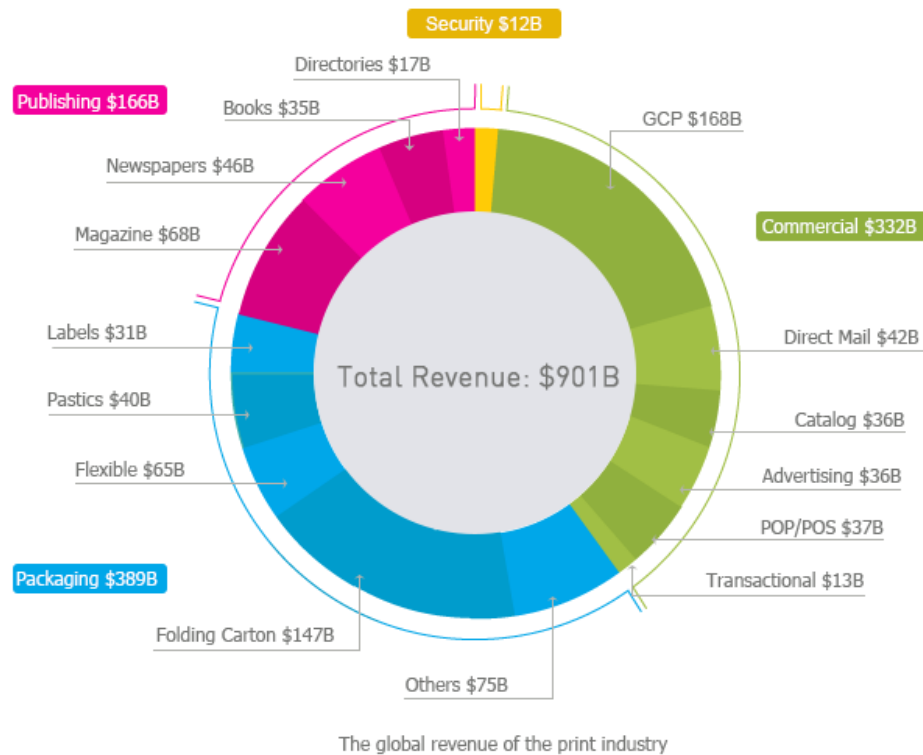
June 14, 2016 at 9:18 am

...never before. Driving this change are a number of things, not the least of which is the simple fact that so many exciting new technologies in digital printing and finishing of packaging materials have emerged in the past few years. And make no mistake, people dig digital. At drupa 2012, 40% of visitors said they were interested in digital. That figure is bound to increase that so many digital print offerings have come from...

drupa 2016 Will Show the Implementation of Digital Technology in the Packaging Industry



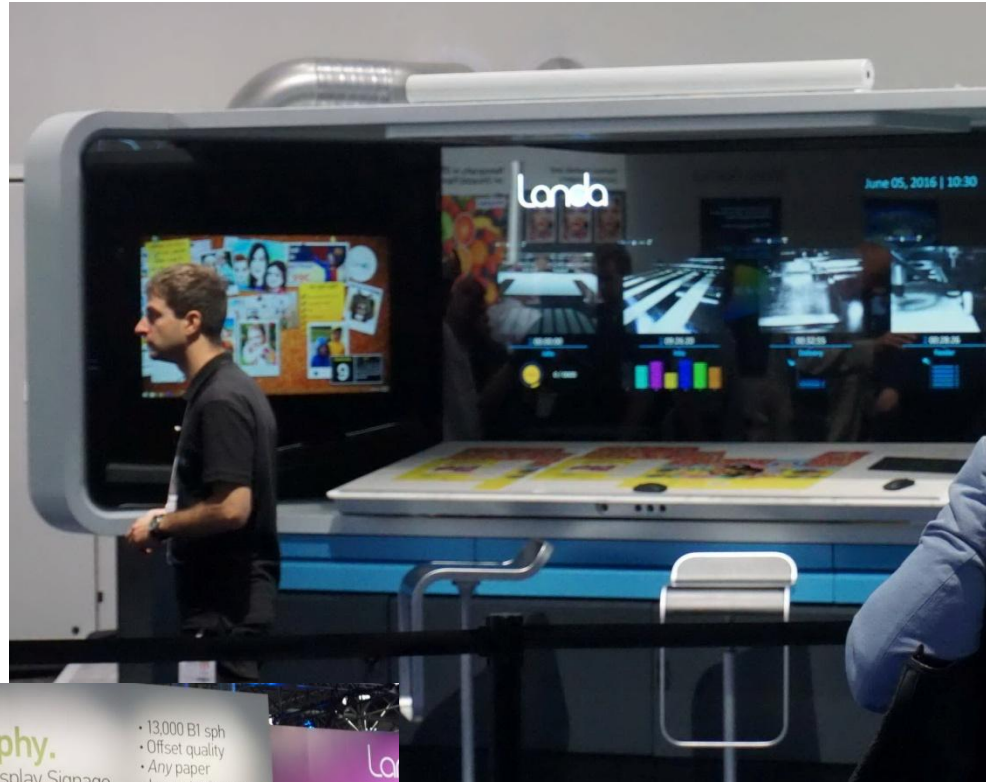
The global revenue of the print industry



Smithers Pira, "The Future of Global Printing Markets: Market Forecasts to 2016"

數碼技術百花齊放

Digital Packaging Solution Summary:						
Lead Partner	Partner 2	System	Speed	Size	Comment	Other Solutions
Heidelberg - Primefire 106	Fuji	Inkjet - Samba	2500	B1	Water based Inkjet - Pre-condition needed, 1200x1200 dpi, 7 colours, in-line coater	Versafire, Omnifire, Gallus Label, ICS press non digital roll to blanks
KBA	Xerox	Inkjet - Pica	4000	B1	Where is it?	Rotajet L inkjet for flexo, non digital Neo
Bobst	Kodak	Inkjet	Unknown		Corrugated Specialist, Digital project was revealed in Drupa 2012 today still being developed and Beta testing for flexible and cartons	Kodak Prosper - 300m/min inkjet
HP		Liquid Toner			Drum transfer	Latex Technology (water based ink)
Landa S10	Komori - NS 40	Nano Toner Transfer	13000 Landa Claim, 6500 Komori seen at Drupa	B1	Nano technology, if what they claim is true. They will win the digital race as best in per sheet price/quality deliverables catagories	
Komori - IS 29	Komori - IS 29	Inkjet		B2 585x750	Konica Head, UV curing, 3000 s/hr	
Xikon	Xikon	Dry Toner			Reel to sheet, Inline varnish WVM, Inline die cut FDU	Brand protection solutions: Variable numbering; Hidden Pattern; Micro text, Guilloches; Raised Images; Brand color; Track and Trace code; Trillium One with Miyakoshi 4C liquid toner
Screen - Truepress Jet 520	Screen - Truepress Jet 520	Inkjet	60m/min - 600 x 1200 dpi; 150m/min 600 x 600 dpi		Flexible, Epson heads 4C + special colour	
Canon	Océ	Inkjet - Transfer	3000 s/h	B2	Flexible belt transfer	Voyager - B2 Prototype inkjet photo press
Konica Minota KM1	Komori	Inkjet	3000s/h	B2	Similar to IS 29	AccurioJet UV 3000sph; Inkjet Head manufacturer
Ryobi (RMGT)	Ryobi (RMGT)	Liquid Toner		B2	LED UV, Offset combination units	RMGT DP 7
Fuji		Inkjet		B2	Onset X, JetPress 720S	
MGI		Toner – Print Inkjet - Varnish	4C 1200 x 1200 dpi 3000 s/h		Meteor DP8700XL + toner based (Card production); Jetvarnish 3D Evolution; Alphajet B1 sheet fed	
Durst - Rho130SPC		Injet	9350m²/hr		Corrugated Cardboard	Tau 330 with laser finishing for label



S10. Nanography.

Digital. Folding Carton. Display. Signage.

- 13,000 B1 sph
- Offset quality
- Any paper
- Lowest print cost

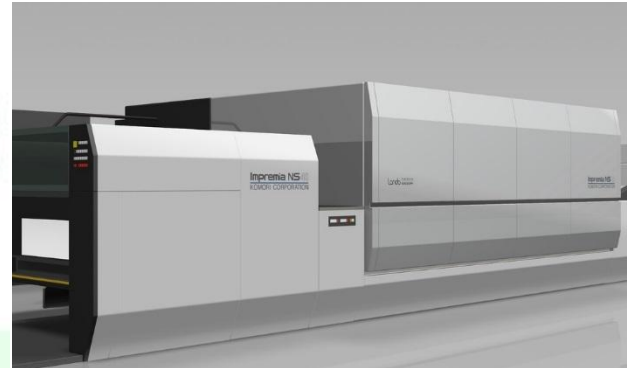
13,000 sph



Landa



Impremia NS40



6500 s/hr

40" Sheetfed Nanographic Printing® System

Printing speed (sph)	
Max. Sheet size	6,500
(mm)	750×1,050
Max. Print	1,200×1,200
resolution (dpi)	



Impremia NS40 NEW

40" Sheetfed Nanographic Printing® System

Specifications

Number of colors	4 (C/M/Y/K : Landa Nano Ink)
Max. print resolution	1,200 × 1,200 dpi
Printing speed	6,500 sph
Max. sheet size	750 × 1,050 mm
Sheet thickness	0.06 – 0.8 mm
Dimensions	
Length	11,200 mm
Width	4,100 mm
Height	2,450 mm

Image quality is extremely good

It can print on any paper or plastic

Water-based nanoink has a low cost per page

The world's first 40-inch machine with an output speed of 6,500 sph

Das weltweit erste 40-Zoll-Inkjetdrucksystem dieser Art mit 6.500 Bog./Std.





Impremia IS 29

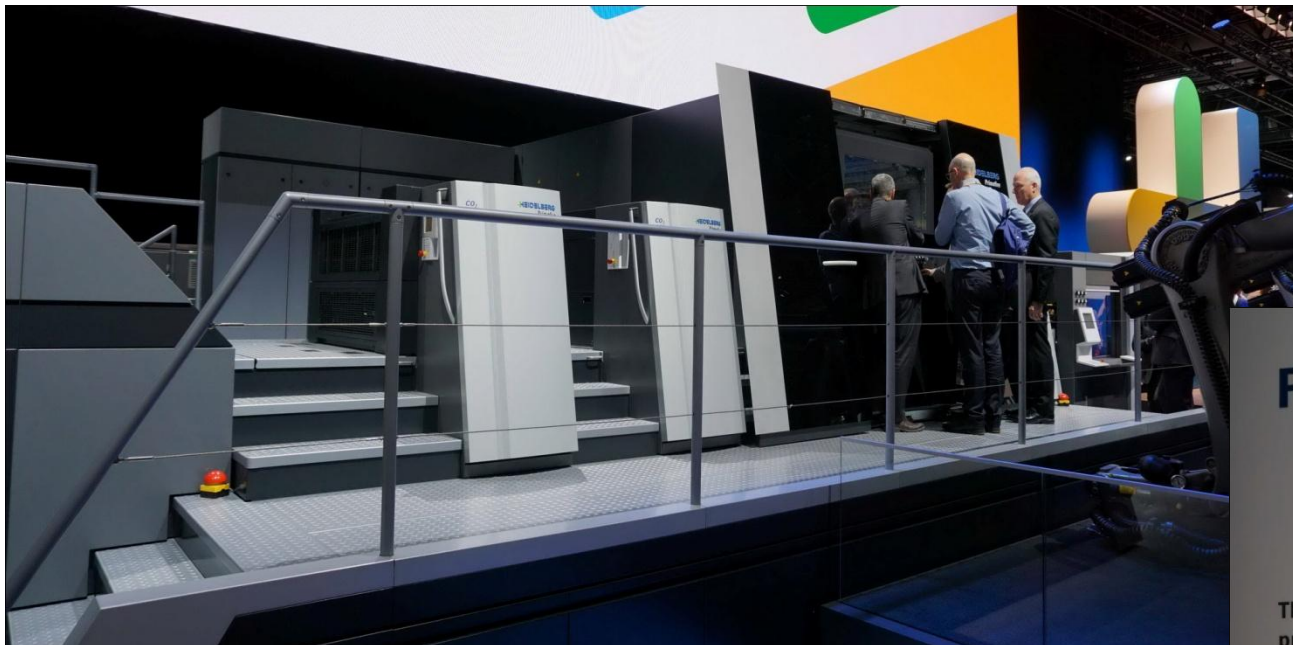


29" Sheetfed UV Inkjet Digital Printing System

Max.Sheet size (mm)	585×750
Max.Printing area (mm)	575×735 (single-sided) 575×730 (double-sided)
Resolution (dpi)	1,200×1,200



3000 s/hr



HEIDELBERG

2500 s/hr?

Primefire 106+L

**The real digital
production is here**

**Digitale Produktion
ist Realität**

- Industrial inkjet in max. 29.5 × 41.7 inch format size
- 7c (simplex) with Heidelberg multicolor technology
- Water based system with Swiss Ordinance conformity
- Fujifilm SAMBA technology (piezo inkjet) with native 1,200 × 1,200 dpi
- Workflow integration via Prinect Digital Frontend

- Industrieller Inkjetdruck im max. Format 75 × 106 cm
- 7c (simplex) mit Heidelberg Multicolor-Technologie
- Wasserbasiertes System mit Swiss Ordinance-Konformität
- Fujifilm SAMBA-Technologie (Piezo-Inkjet) mit nativen 1.200 × 1.200 dpi
- Workflowanbindung über Prinect Digital Frontend

S Print Color Management, Expert Support, Trainings

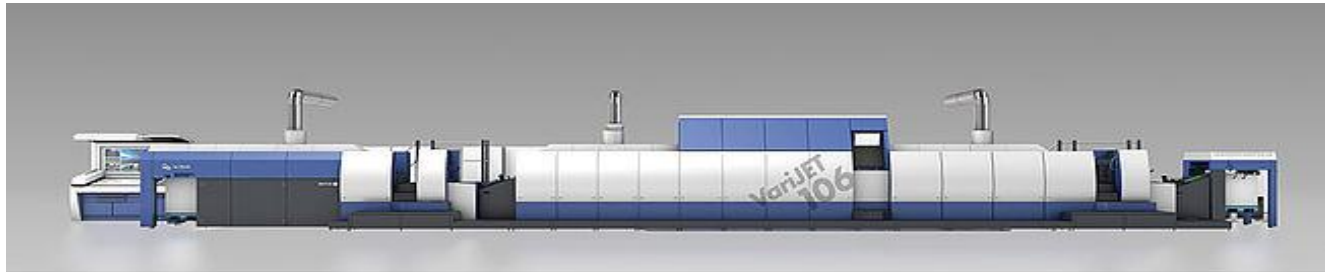
Print Color Management, Experten-Support, Trainings

C Saphira Digital Inks and Consumables

Saphira Digital Tinten und Verbrauchsmaterialien



Powered by
FUJIFILM
INKJET
TECHNOLOGY



Post Inkjet Options
(Double) Coating + Drying
Offset Units
Screen Print + Drying
Rotary Die-Cutting

**High-performance
KBA VariDry
Dryers**

Inkjet Module
Offset quality
using 7 colours

Pre-Treatment & Drying
Corona Treatment
Primer + Drying
Opaque White
Offset Units
Cold Foil Application

4500 s/hr

KBA
VariJET 106
Powered by
Xerox

**KBA VariJET 106
– The hybrid
printing system**

Post-Ink-Jet Options	Drying	Digital Printing	Pre Treatment
<ul style="list-style-type: none"> • (Double) coating + drying • Offset print • Screen print + drying • Rotary die-cutting 			<ul style="list-style-type: none"> • Corona treatment • Primer + drying • Opaque white • Offset print • Cold foil application

drupa 2016 – Add more KBA to your day



VariJET 106 features



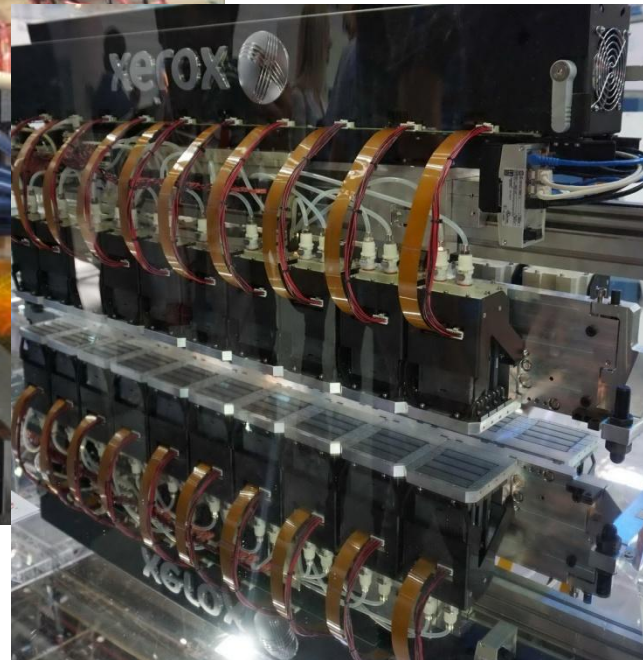
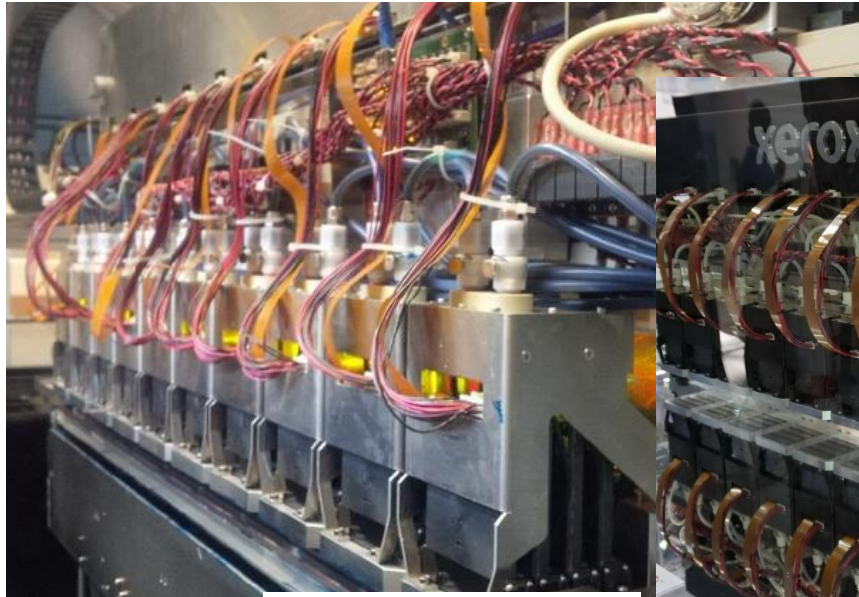
Print Quality
at Offset Level

7 Colors,
Waterbased

Speed and
Resolution:
58 m/min
@ 1.440 dpi

... and faster ...

Printed Pages -
Simplex



PRINTHEAD TECHNOLOGY	
PRINTING WIDTH :	1075,15 MM
PRINTING SPEED :	4 500 B1 SHEETS/H
RESOLUTION :	1440 x 1440 DPI
NUMBER OF NOZZLES :	64 000
INK :	WATER BASED
DROP SIZE :	2,5 PL
DATA :	FULL VARIABLE
MAINTENANCE :	FIELD REPLACEABLE HEADBLOCK





HP Indigo 30000 Digital Press for Packaging

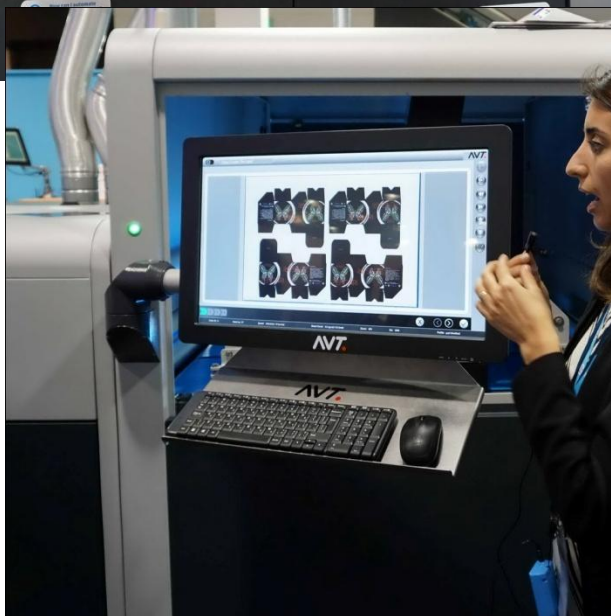
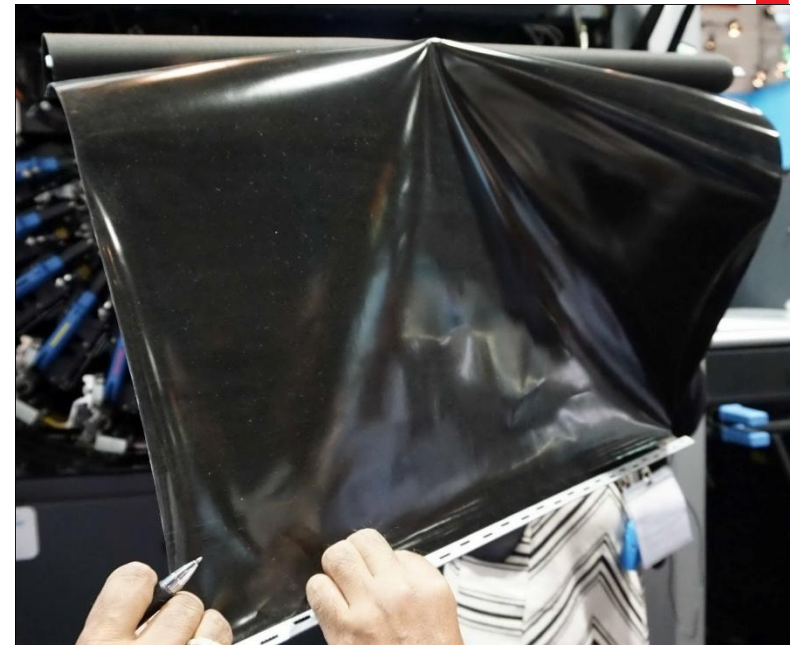
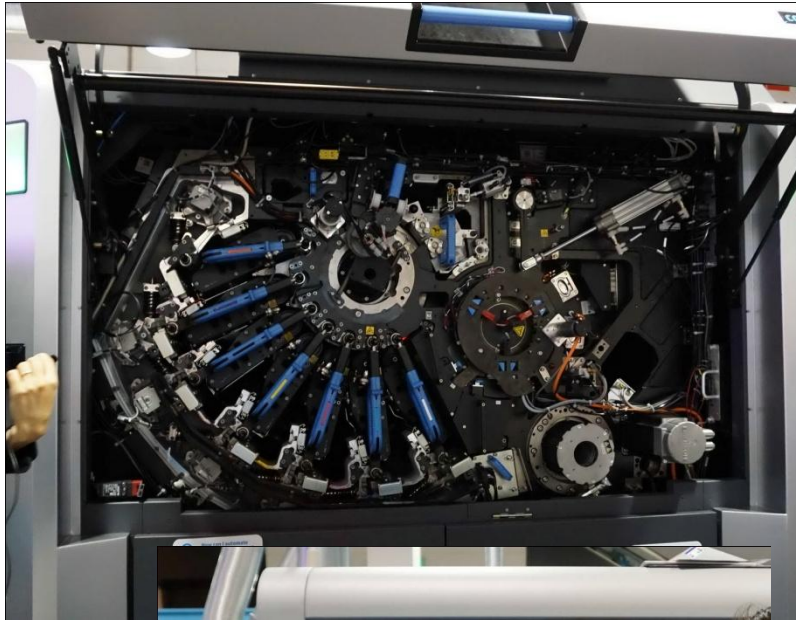


3500 s/hr



- | | |
|---|--|
| 1. Palette feeder | 10. PIP Automated foil Replacement System (PARS) |
| 2. Drawer feeder | 11. Binary Ink Development (BIDs) |
| 3. Inline priming unit | 12. Blanket |
| 4. Refreshment Corona (Available 2016) | 13. Impression cylinder |
| 5. Priming unit | 14. Registration cameras |
| 6. Dryer | 15. Inline scanner and spectrophotometer |
| 7. Sensors for double sided printing capabilities | 16. Proof tray / Line coater bridge |
| 8. High-speed laser writing head | 17. Stacker |
| 9. Photo Imaging Plate (PIP) | 18. Ink cabinet |







Sheet to Sheet Solution

- Announced in Drupa 2012
- Claimed to have the fastest inkjet
- Beta testing in Lusanne
- Partner with Kodak



BOBST

Reel to Reel/Sheet Solution



M6 Line - Printing press for food packaging
The most versatile press in the market

DIGITAL FLEXO™ CONCEPT

**EXTENDED COLOUR
GAMUT WITH 7 COLOURS**



**FOR FOLDING CARTON
AND FLEXIBLE MATERIALS**

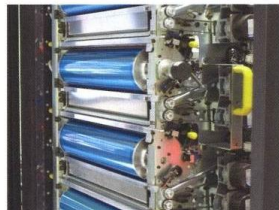
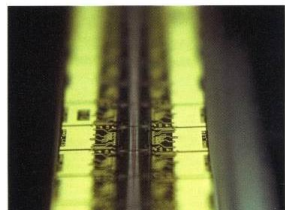
12 micron TO 350 g/m²

	Xeikon 3050	Xeikon 3500	Xeikon 3030	Xeikon 3030Plus	Xeikon 3300
Print media width	250-516 mm (9.8"-20.3")	250-516 mm (9.8"-20.3")	200-330 mm (7.9"-13.0")	200-330 mm (7.9"-13.0")	200-330 mm (7.9"-13.0")
Imaging width	508 mm (20.0")	508 mm (20.0")	322 mm (12.7")	322 mm (12.7")	322 mm (12.7")
Maximum print speed	9.6 m/min (31.5 ft/min)	19.2 m/min (63 ft/min)	9.6 m/min (31.5 ft/min)	15 m/min (49.2 ft/min)	19.2 m/min (63 ft/min)
Press throughput	297 sqm/hr (460 MSI/hr)	594 sqm/hr (921 MSI/hr)	190 sqm/hr (294.5 MSI/hr)	297 sqm/hr (460 MSI/hr)	380 sqm/hr (589 MSI/hr)
Toner	Xeikon QA-I toner Standard: CMYK + orange		Xeikon QA-I toner Standard: CMYK + orange		
Cutter	Optional	Optional	Optional	Optional	Optional
On-site upgradability	Xeikon 3500		Xeikon 3030Plus Xeikon 3050 Xeikon 3300 Xeikon 3500	Xeikon 3300 Xeikon 3500	Xeikon 3500




XEIKON

3500
19.2 m/min



FUSION TECHNOLOGY DEMONSTRATION

Xeikon's next step towards fully automated digital label and packaging production



Embellishment adds value
especially for high-end labels and packaging market:

- Luxury goods
- Wine & Spirits
- Health, Beauty and Cosmetics

The promise
The digital embellishment modules positioned before and/or after the digital printing module enable:

- Digitally printed and embellished labels or packaging in one pass
- True flexibility for on demand production of any label or packaging
- No need for investment in expensive tools
- Cost-effective production of short runs with high added value

The concept made tangible
The setup shown is a demonstration of one of several possible configurations:

- Digital screen printing
- Hot- and cold foiling
- Matt, gloss and structured flood and spot varnishes
- Braille

Combining full color digital printing and digital embellishment technologies, driven by one digital front-end.

- High-end labels and packaging
- One pass
- One Platform
- All digital





Scodix Foil



Scodix E106



Scodix S



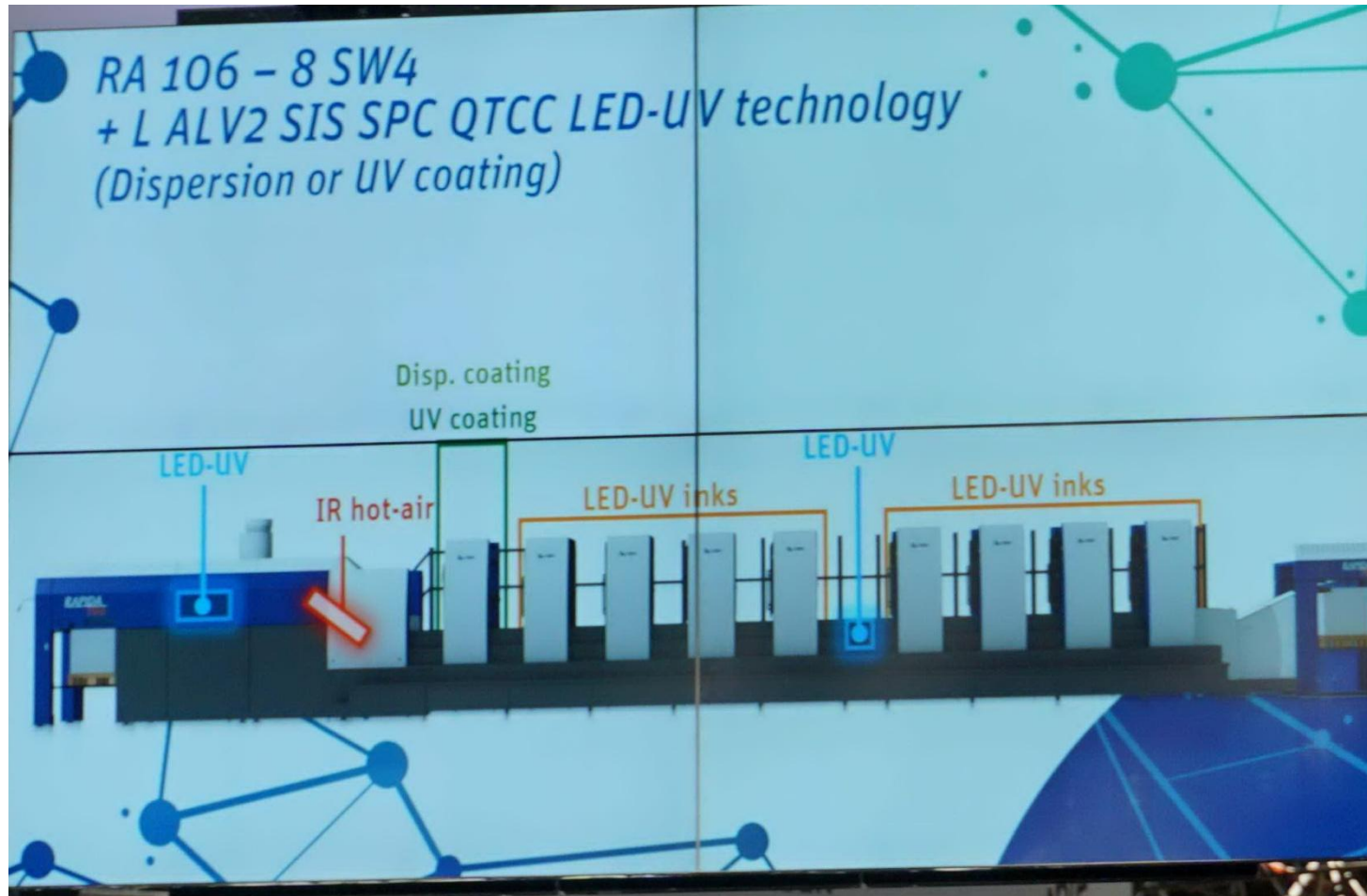
Scodix Ultra

dmax

Digital spot and relief varnishing for sheet substrates



LED烘乾繼續成熟



技術, 產品合作, 加速投進市場



+



=

VariJet 106

drupa



+



=

KM 1



+



=

Developing and
Beta testing



+



=

Primefire 106 + L



+



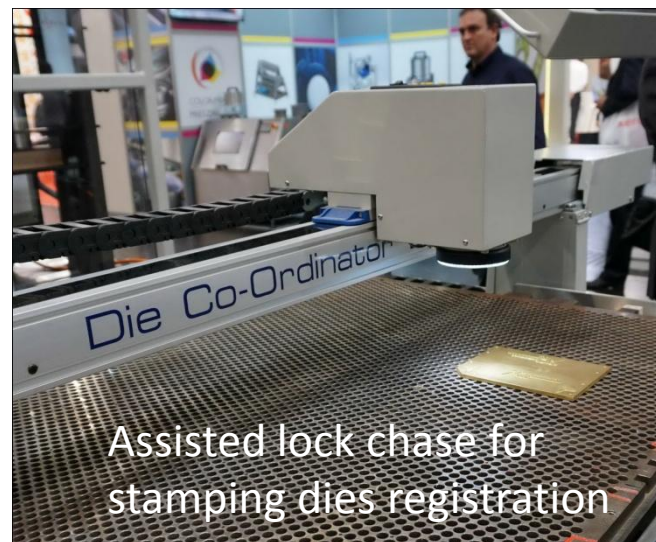
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NS 40

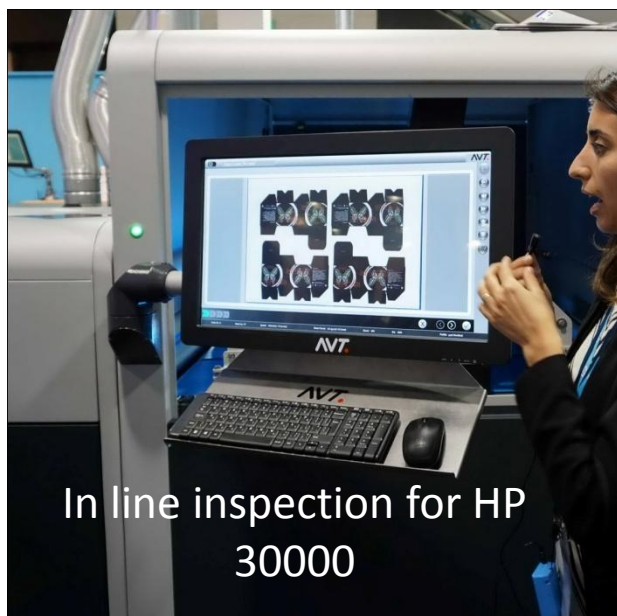
**機器速度,質保,智能提升,減低
操作人技術要求**



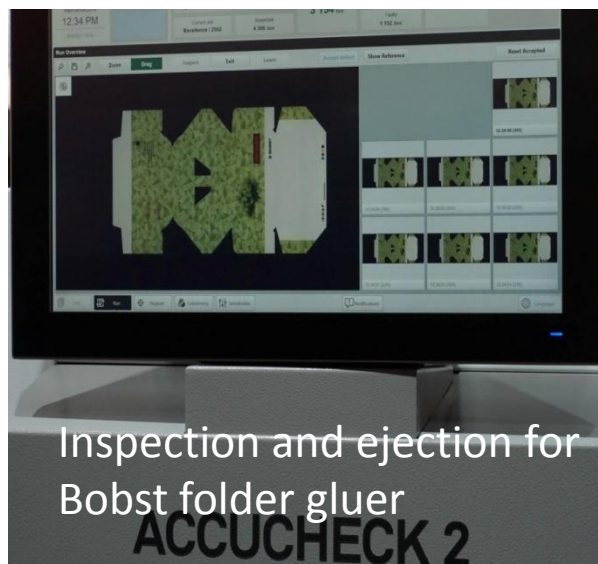
Auto set-up job change in 5 minutes



Assisted lock chase for stamping dies registration



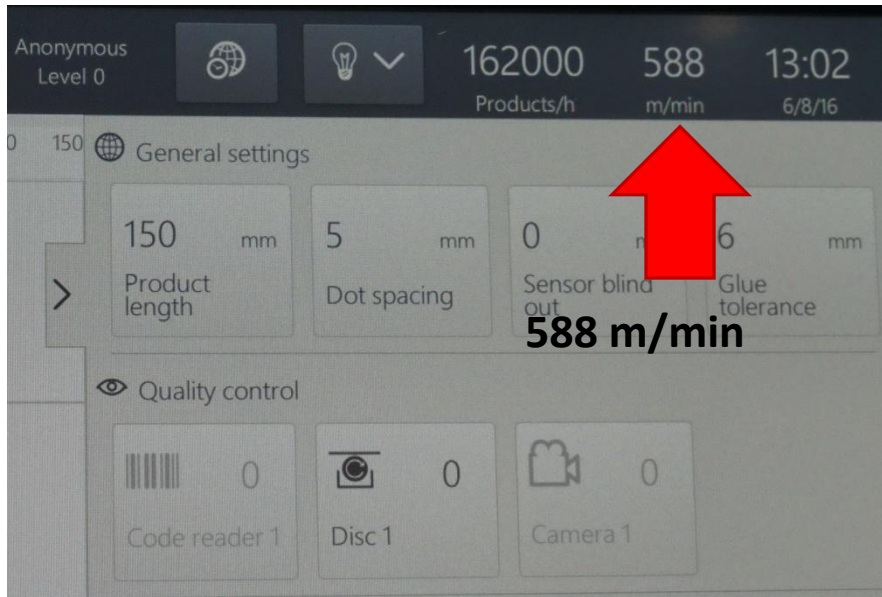
In line inspection for HP 30000



Inspection and ejection for Bobst folder gluer

Also:

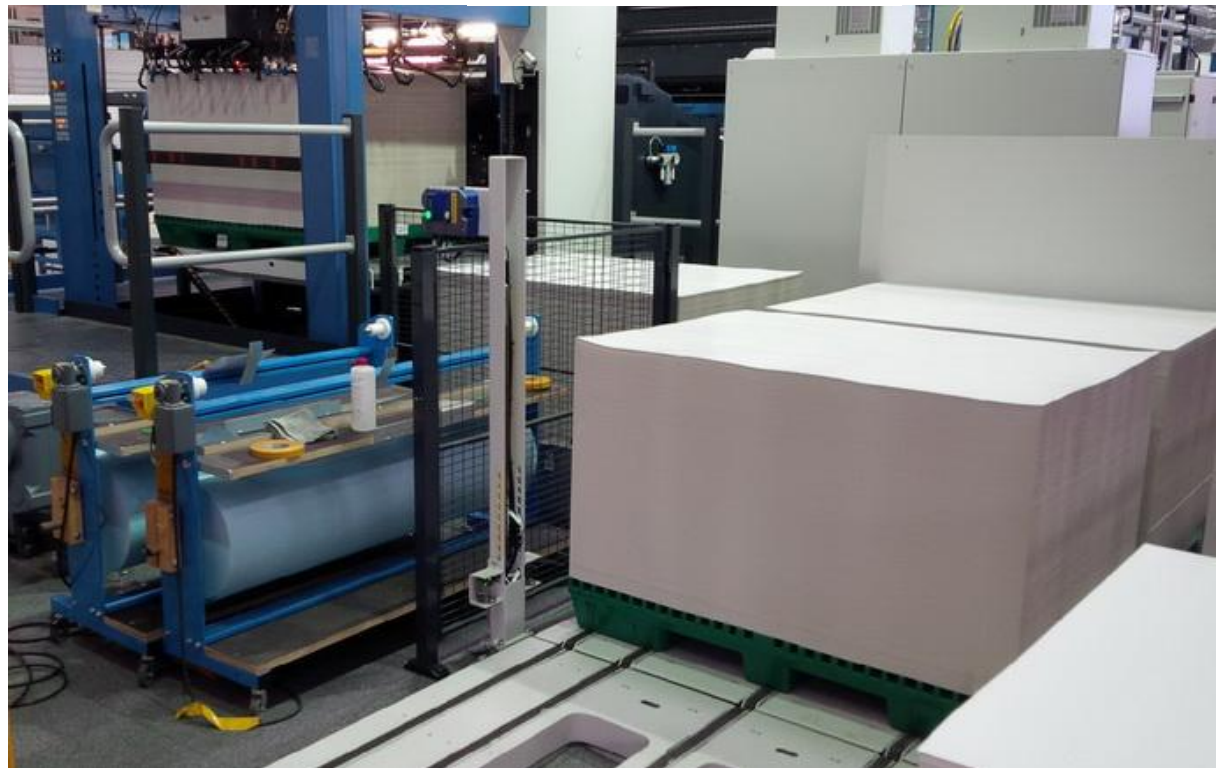
- Press sheet inspector
- Double Delivery for bad sheet
- (see later slide)



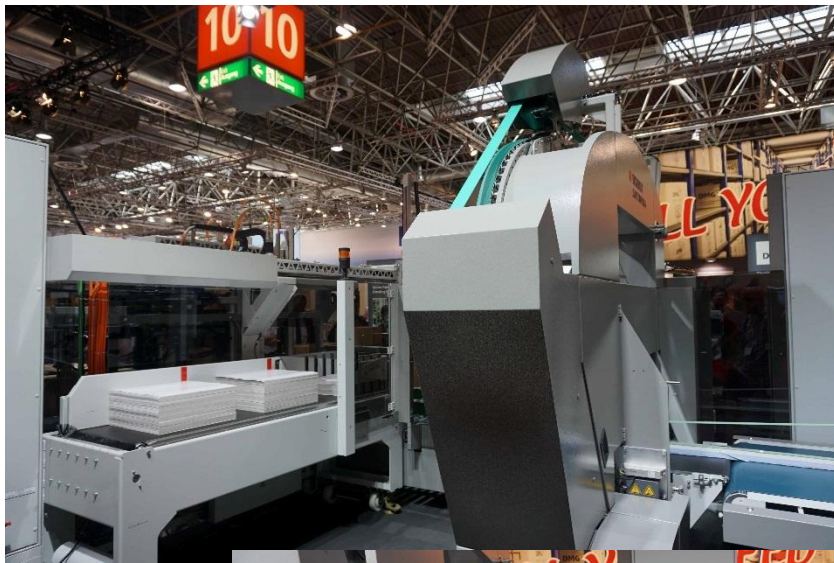
機器代人,減少操作人手



**Small carton picker in
Polar's laser cutting unit**



Auto feeding unit to KBA's press feeder



At 588 m/min , carton collector
and case packer is a must

 **BOBST**



 **BOBST**



ESKO 



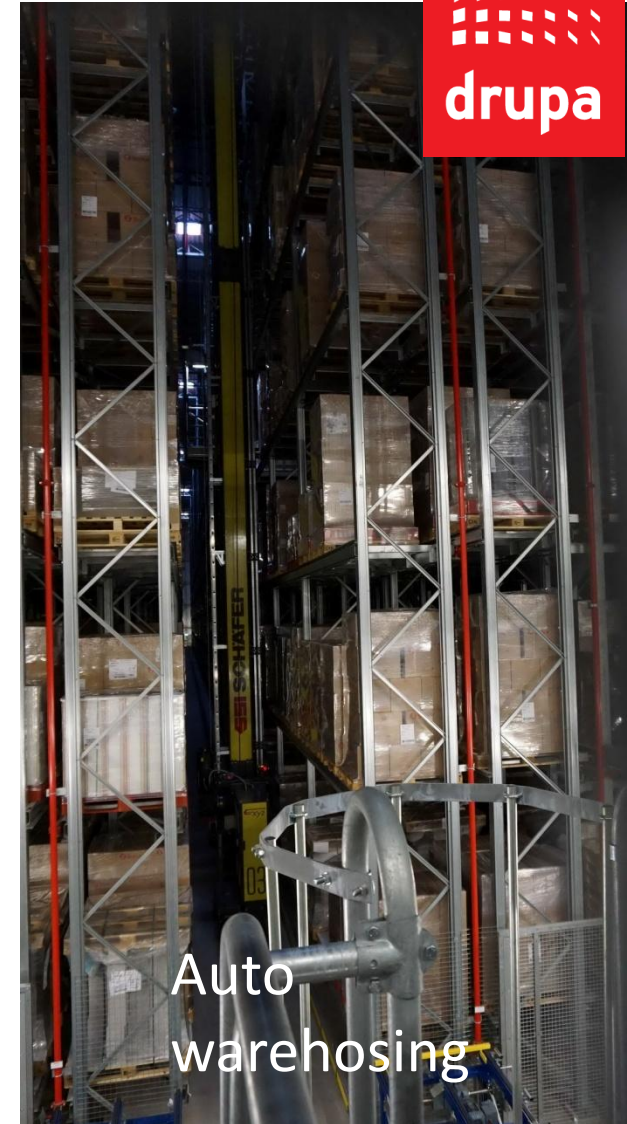
Auto Waste
Extraction



Auto Waste
Baling



Packaging
Factory Visit



Auto
warehousing

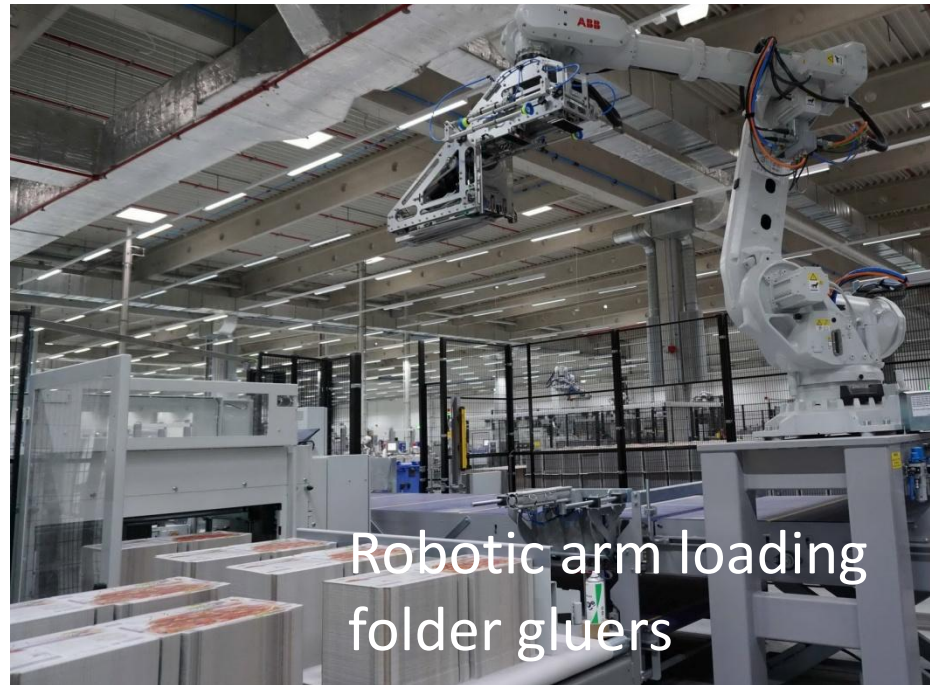


Sheet inspection unit KBA Qualitronic PDF and double pile delivery.





Robotic arm loading
folder gluers



Robotic arm loading
folder gluers



Collector and carton inserters
at end of folder gluer

Packaging Factory Visit

連貫(一條龍)性生產設計, 減少半 制品

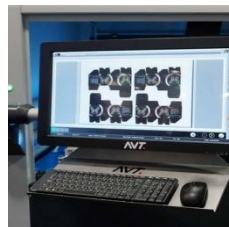


In-Line System



HP Indigo 30000 Digital Press

+



AVT Inspection
system

+



Tresu
Coating Unit

Off-Line System



Kama Foiling
DC76

+

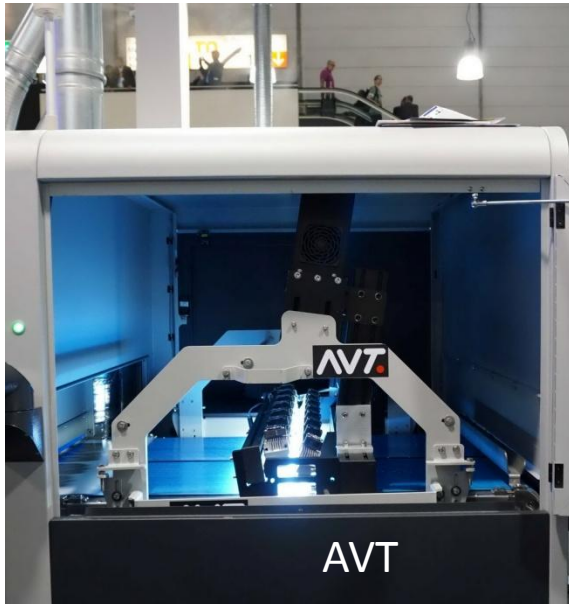


SEI Laser cutter

+



Kama Folder Gluer
– Flexfold 52



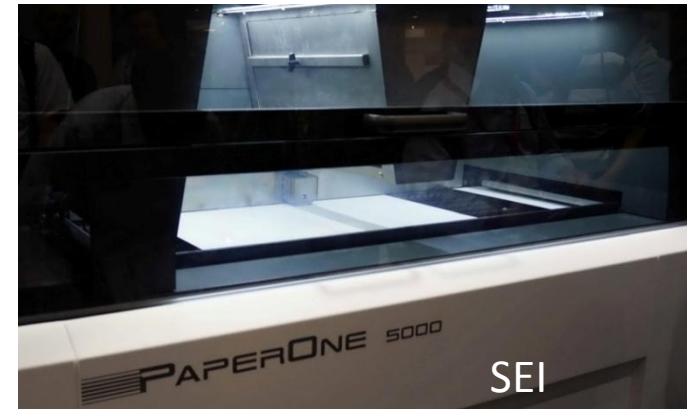
AVT



Tresu



Kama



SEI



**3500 series folding
carton suite**

**In Line Flatbed die cutting units
with stripping**



雷射代摸切

Highcon Product Portfolio Comparison*

			
	Highcon Beam Digital cutting and creasing for mainstream production	Highcon Euclid III Application versatility made possible by digital cutting and creasing	Highcon Pulse Digital cutting and creasing in a B2/29 in. format
Format	760 X 1060 mm. portrait / 30X42 in	760 X 1060 mm. portrait / 30X42 in	530 x 750 mm. portrait / 21x30 in
Maximum throughput*	5,000 s/h	1,500 s/h	2,000 s/h
Substrate	Cartonboard and label 120-900 µ (5-36 pt.) Microflute (up to E) up to 2mm (78 pt.)	Cartonboard and label 200-600 µ (8-24 pt.) Microflute N + F + G up to 1.2mm (47 pt.)	Cartonboard and labels 120-600 µ (5-24 pt.)
Machine length	8.6 m / 28 ft.	8.6 m / 28 ft.	6.4 m / 21 ft.
Variable Data Cutting	Included	Included	Optional add-on
Advanced Registration	Included	Included	Optional add-on
CAD Light Editor	Included	Included	Optional add-on
Highcon Axis (basic pack)	Optional add-on	Optional add-on	Optional add-on
Highcon Integrated Digital Stripping	Optional add-on	Optional add-on	Optional add-on
3D Modeling Package	Optional add-on	Optional add-on	N/A

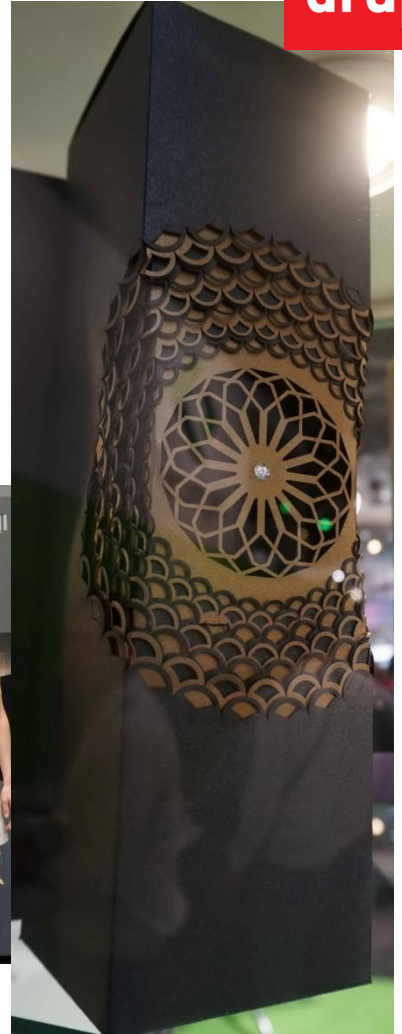
*see product brochure for full specification

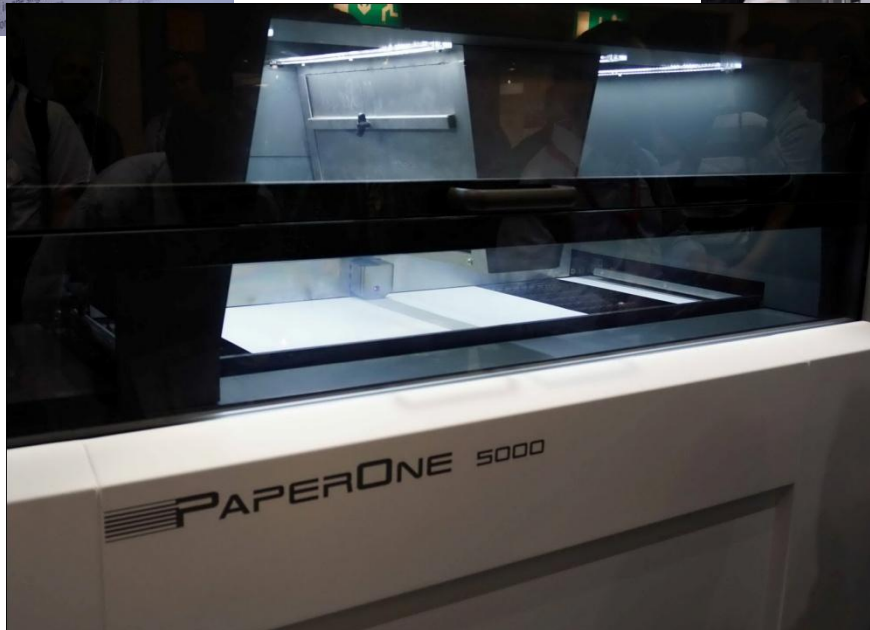




Highcon 

drupa





Polar



中國加工設備參展遞增

Some China's Packaging Machines Suppliers

中國包裝機器供應商



SAILI 赛力

ZENBO 正博

GMB 光明

YUUBOND
永邦机械

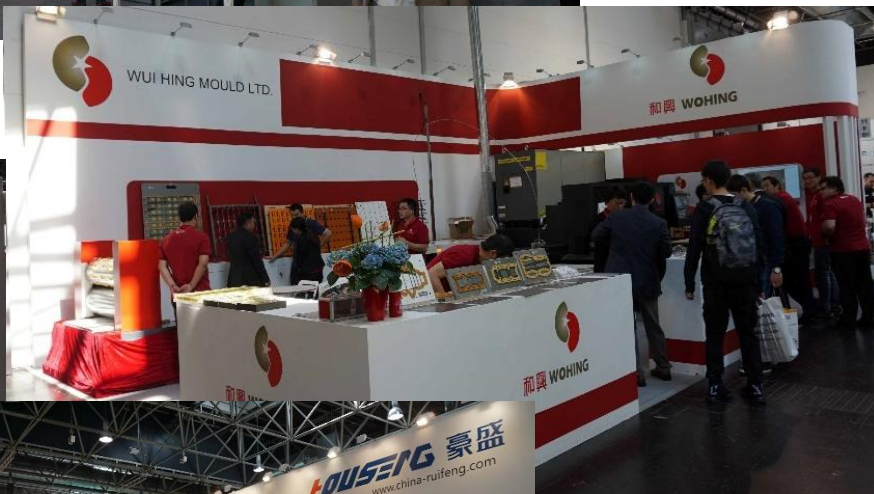
BOSHIDUN
博斯顿®



GUANGYA

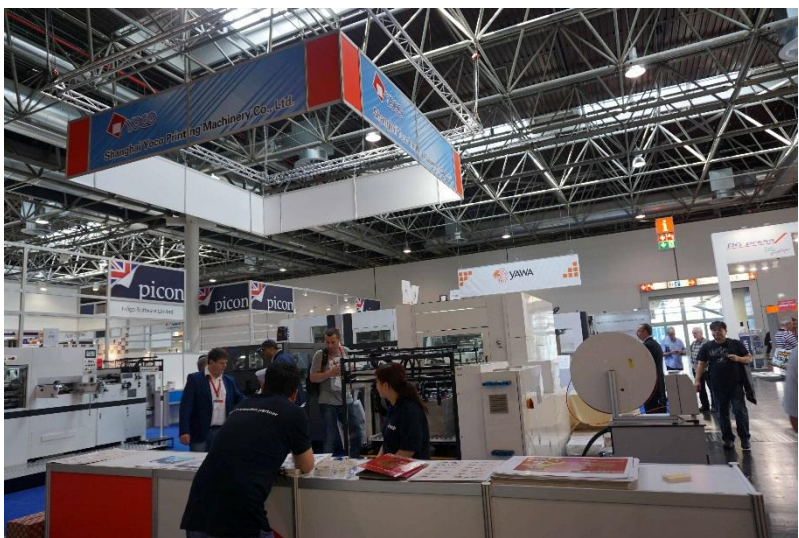




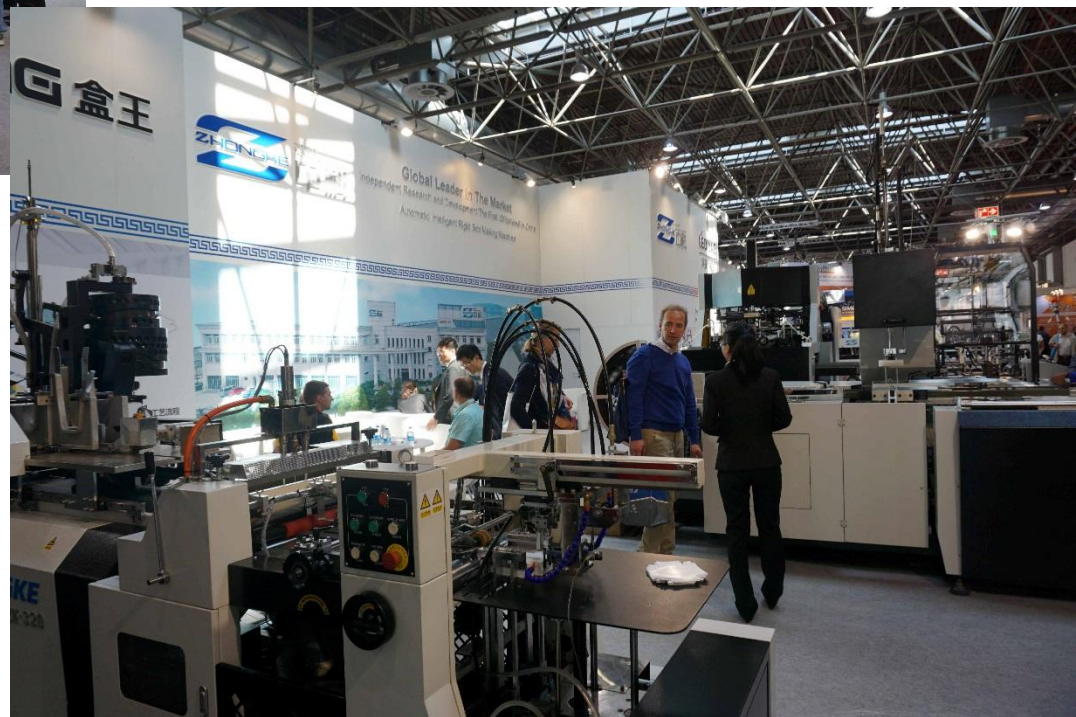








漿糊盒機



賣家投資未來

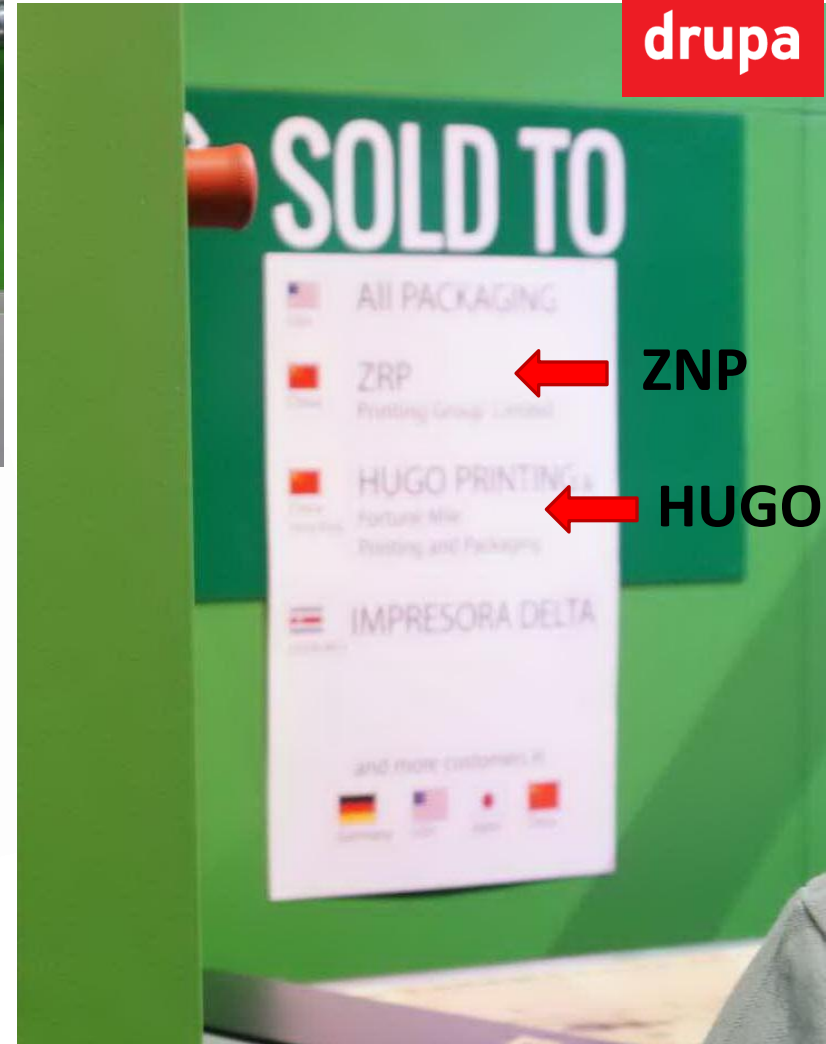


drupa

drupa 2016 Wraps Up: 260K Visitors from 188 Countries;
29% Placed Orders at Show

June 14, 2016 at 9:18 am

75,000 order



其他

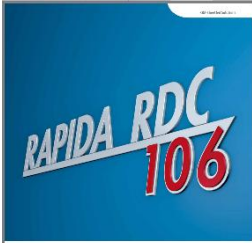
Heidelberg ICS – in line web fed printing, hot foiling, finishing (lamination, screen printing, digital imprint) and die cutting to blanks



KBA enter into die cutting?



Available in 1-3 units, each can cut, crease or emboss. 15,000 s/hr, rotary dies and magnetic cylinder which can change in 5 minutes!



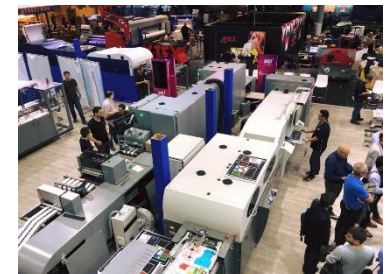
Rotary die-cutter Rapida RDC 106





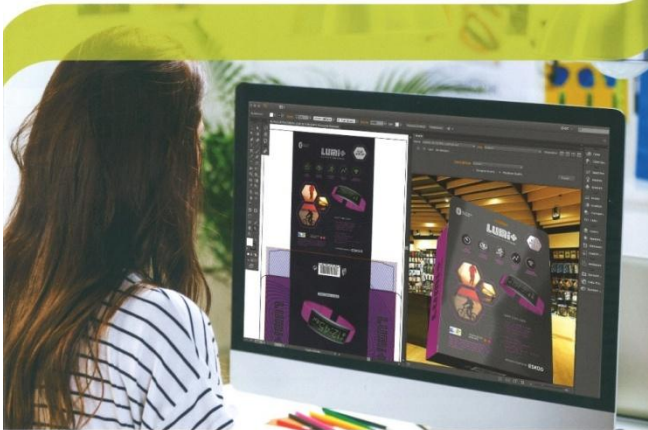
Discover the new flagship of the JETvarnish product family. JETvarnish 3D Evolution for B1+ format.

The JETvarnish 3D Evolution has been specially designed to offer **digital and offset printers** a scalable upgrade path for a full range of production environments.



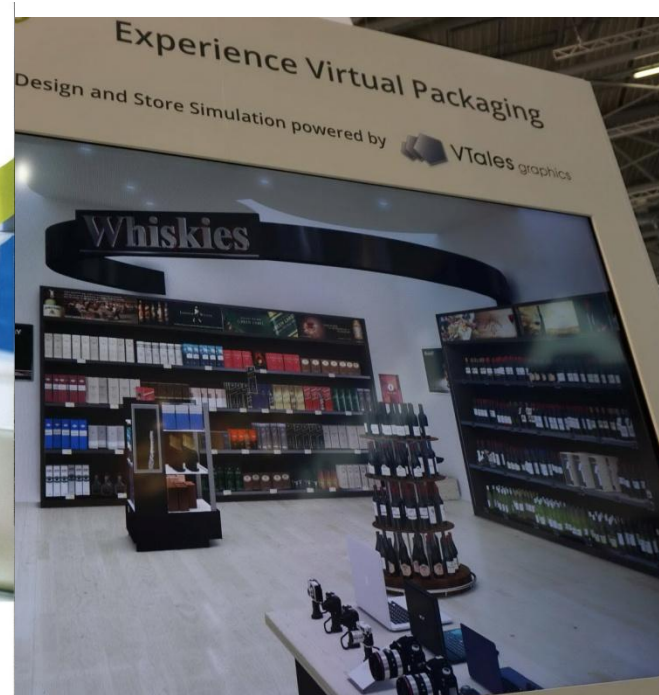
Packaging Prepress 印前

Packaging Management, Design & Preproduction Software



Esco Software Platform is a complete collection of preproduction software tools for packaging, labels, signage and display production.

Esco Software Platform supports and manages the packaging and print processes at brand owners, retailers, designers, packaging and display converters and print service providers.



Virtual packaging and shop visualization modules



What's new?

ESKO 

New Software Tools and significant Upgrades incl. "MediaBeacon launch" to a wider audience

Full integration of Software with our Hardware Devices

Completely new Flexo plate imagers and new Exposure Units

New Cutting Table series, fully automated



The Enfocus Appstore

Switch PDF Review Module

Switch Asset Syncing

Switch Browser Portal

PitStop Server subscriptions



112 new PANTONE® Colors

Color iQC Print 9.5

Color Rationalization and Mapping Service

X-Rite eXact XP

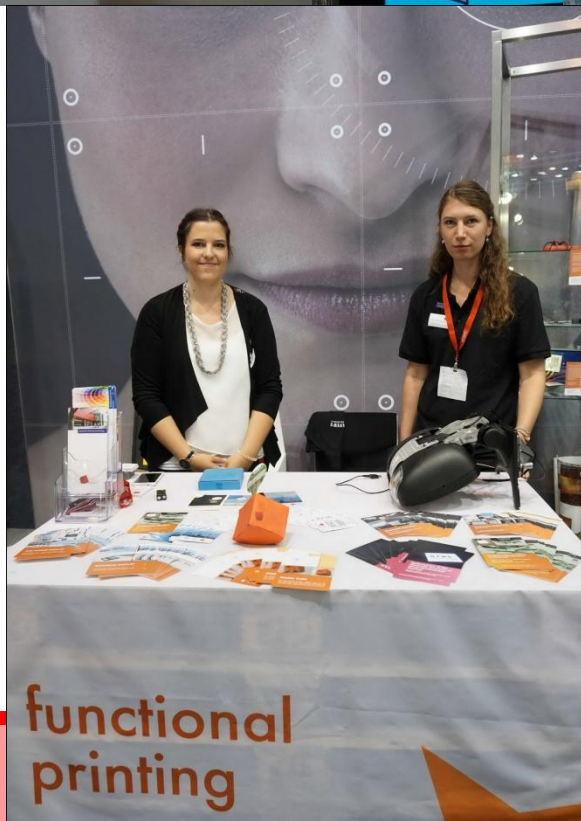
Ink Formulation Software 6.3

IntelliTrax2

ColorCert 2.7

PantoneLIVE New Libraries

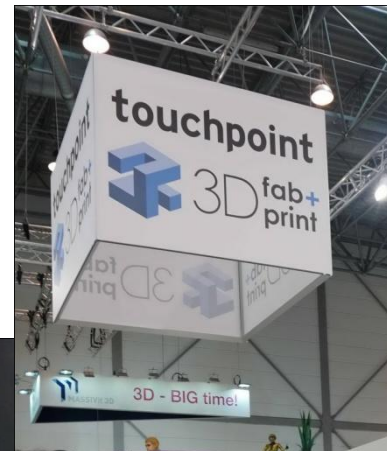
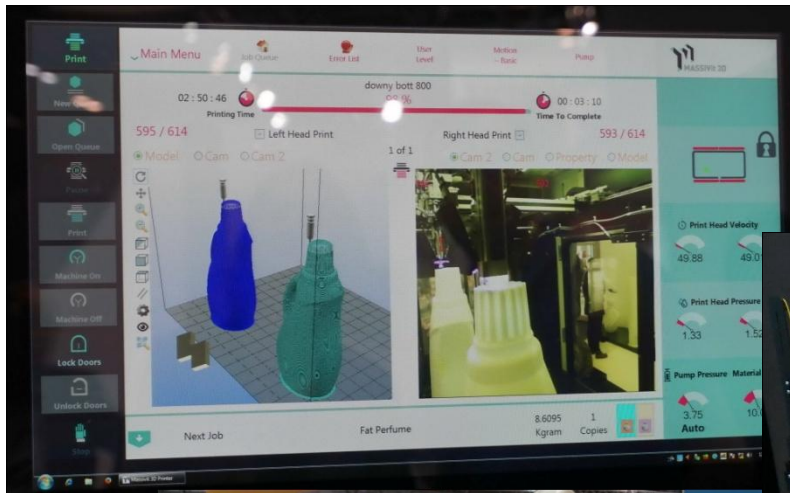
發展中



PEPSO & DIP

其他參展商





3 D Printing

touch innovations

Die Themen im dip! / The topics at dip!

Unterteilt ist der dip! in sechs Themaparks, die sowohl Technologie als auch Businessformen adressieren. dip! is divided into six theme parks, which address technology as well as business topics.

Themenpark 1: Multichannel Publishing & Marketing Solutions

Core media content and Asset Management, Web 2.0 App Publishing, Database Publishing, Social Marketing, and Brand Management Solutions, also such Trends wie die kundenspezifische Massengenerierung, Augmented Reality Anwendungen und Technologien wie 3D, Nearfield Communication.

Cloud media content and asset management, web and app publishing, database publishing as well as marketing and brand management solutions, but also trends such as mass customization, augmented reality applications and technologies including, for example, Near Field Communication.

Themenpark 2: Additive Value in Print

Im Fokus stehen Innovation, Medienentwicklung und der zukunftsweisende Mehrwert von Printanalogien. Das beinhaltet innovative Substrats, Techniken in Fröhen und Veredelung, Verpackung, Etikettendruck & Chaplin, Green-Printing sowie Secure-Printing Applikationen.

The focus is on thinking, further development and forward looking added value and products. These include innovative substrates, innovation in finishing and retouching, packaging, label printing & chapters, green printing and secure printing applications.

Themenpark 3: Web-to-Media & E-Commerce

Lösungen für Web-to-Publish bzw. Web-to-Print, E-Commerce & Shop-Plattformen, Cloud Publishing und Web-Substrats für Designflex sowie HTML 5.

Solutions for web-to-publish or web-to-print, e-commerce and shop platforms, cloud publishing and web editors for designflex as well as HTML 5.

Innovations in Printing Technologies

Schlüsseltechnologien moderner Druck- und Veredelungstechnik, darunter Innovationen für Functional Printing, Printed Electronics, 3D Druck, Lösungen für Prototyping, Visualization & Workflow.

Key technologies of modern printing and processing technology, including applications for functional printing, printed electronics, 3D print, solutions for prototyping, visualization and workflow.

Business Models

Neben technologischen Neuerungen spielen neue Geschäftsmodelle und -modelle eine zentrale Rolle in der Entwicklung digitaler Medien- und Marktplatzplattformen sowie neue Applikationsformen in der Print- und Medienindustrie.

In addition to technological changes, new business concepts and models are playing an important role. The focus point is on strategic cooperation and marketing platforms, as well as new communication concepts in the print and media industry.

Die Aussteller / The exhibitors

Aussteller/Exhibitor	Stand	Aussteller/Exhibitor	Stand
Chubbuck & Co.	1000	3D Systems	1001
Engage Africa	1002	3D Systems	1002
3D Systems	1003	3D Systems	1003
3D Systems	1004	3D Systems	1004
3D Systems	1005	3D Systems	1005
3D Systems	1006	3D Systems	1006
3D Systems	1007	3D Systems	1007
3D Systems	1008	3D Systems	1008
3D Systems	1009	3D Systems	1009
3D Systems	1010	3D Systems	1010
3D Systems	1011	3D Systems	1011
3D Systems	1012	3D Systems	1012
3D Systems	1013	3D Systems	1013
3D Systems	1014	3D Systems	1014
3D Systems	1015	3D Systems	1015
3D Systems	1016	3D Systems	1016
3D Systems	1017	3D Systems	1017
3D Systems	1018	3D Systems	1018
3D Systems	1019	3D Systems	1019
3D Systems	1020	3D Systems	1020



3D fab+ print

3D application opportunities

- Inspiration
- Concept modelling
- Functional prototyping
- Rapid tooling
- End-use parts

#UNLEASHPRINT

Canon

dip! drupa innovation park Hall 7.0

Mon 6 June			
Company/Organisation	Topic	Speaker/Presenter	
Planat Wetzlar GmbH	PLANAMET - the new bookbinding adhesive technology and its advantages in digital printing and beyond	Robert Albar, Geschäftsführer	11:00
WERK 1, print Group	Future of print in public sector communications: The Magic - Measures and stories	Heinz-Sören Meier, CEO, print France	11:30
drupa innovation park	global platform for innovations intro & info	dip! team	12:00
HP	Brands love print	Nancy Jones, WW Business Development Director - HP Graphics Solutions Business	12:30
DIP LUNGLER Ltd	Added Value in Print: Lunglers	David Perrier, CEO	13:00
callas software GmbH	The most important new features in callas pdfToolbox 9	David van Driessche, CTO	13:30
OE-A (Organic and Printed Electronics Association)	Smart Packaging enabled by Printed Electronics	Dr. Constanze Ranzfeld, Project Manager	14:00
ROGLER Software GmbH	Multichannel Publishing & Marketing Solutions	Hannes Nigler, CEO	14:30
ALWAN COLOR EXPERTS	dip! energy lounge	Dirk Krosky, President	15:00
OVEA GmbH	Goodbye Eto/ly - Optimize your performance in package printing with OVEA's in-personal-based solutions	Dr. Jens Klauß, Applications and Product Development Manager	15:00
ROGLER Software GmbH	axio Made To Print - for automating & standardizing your output from within Adobe InDesign, Illustrator and much more	Thomas Rieger, CEO	15:30
axio software GmbH	axio Made To Print - for automating & standardizing your output from within Adobe InDesign, Illustrator and much more	David van Driessche, CTO	16:00
Pitney Bowes Deutschland GmbH	PB Award Post-Innovator of the year	Hans-Dieter Westhoff	17:00

Discussion and Seminars

Lab1

Non food

If packaging could talk,
what would it want to tell you?

The future of marketing isn't about shouting
the loudest or having the prettiest picture.

In 2035 people live in
small
using functional

Imagine p
tha
aut
purch
subs

Lab2
Cosmetics

Imagine cosmetic
that adapt to ma
are wearing that

Imagine lipstick delivered as a p

What when cosmetics and cosmetics
packaging can be created by the same
machine at the same time?

drupa

Program

More at www.drupa-highlights.com/tpp-2

design

Tuesday 7 June

11.00 am
Talk: High efficient inline Value adding and finishing -
from roll to finished Die Cut Blank
Werner Schwab, Head of Product Management,
Heidelberg Web Carton Converting

11.30 am
Talk: How does Packaging influence the impulse to
purchase?
Axel Schreiner, Global Sales Director Gmund Paper

12.00 am
Talk: The Future of corrugated Packaging Workflows
Nick Benkovich,
Senior Director Portfolio Product Management, efi

12.30 am
Talk: New Roles for Packaging - The Key Drivers
Suzanne E. Mc Ewen,
Head of Marketing & Communications Pro Carton

1.00 pm
Demonstration: Advanced Packaging Solutions:

touchpoint packaging

May 31 - June 10, 2016
Düsseldorf / Germany
Hall 12, B 53

Wednesday 8 June

11.00 am
Talk: From Cost Savings to Value Creation -
an introduction to the Package Value Toolkit
Virpi Korhonen, Managing Director, Association of
Packaging Technology and Research (PTR)

11.30 am
Talk: Beauty doesn't do the Job.
Transforming Features into Benefits.
Uwe Melcher, Partner Factor

12.00 am
Talk: How will E-Commerce Impact Packaging to boost sales
Bruno Leriche, Structural Design Director,
Team Créatif Group

12.30 am
Talk: On the Origins of Innovation
Guido Stompt, Marketing Communication Manager Océ,
Canon Company

1.00 pm
Demonstration: Virtual Packaging in the Real World
Chris Stowe, Product Manager, ESKO

1.30 pm
Talk: New Roles for Packaging - The Key Drivers
Suzanne E. Mc Ewen,
Head of Marketing & Communications Pro Carton

2.00 pm
Presentation of Award Winning Designs on The Future
Of Packaging and Prize-Giving
epda, NABA Milan, btk Berlin

3.00 pm
Talk: Inspirational Packaging for the Future
Rainer Kuhn, Managing Director PrintCity, with experts
from Heidelberg Web Carton Converting, Leonhard Kurz,
Merck, Metsä Board and Weiburger Graphics

3.30 pm
Workshop: Inspirational Packaging for the Future:
How to realise it
Alexander Dort, Designer & Mediaproducer, with experts
from Heidelberg Web Carton Converting, Leonhard Kurz,
Merck, Metsä Board and Weiburger Graphics

4.30 pm
Drinks' Reception: Welcome Talk on the Success Story of
the red dot awarded Product "This is not a Calvados"
Renée Angelvuo, President of the European packaging
design association

Thursday 9 June

Workshop Day:
"Our day of Packaging!"
Winfried Batzke,
Managing Director, DVI

Lab3
Food

The most elegant packages are
the simplest: the egg shell,
the banana skin, the peanut shell.

How can technology improve on materials, making them
stronger whilst still retaining their simple qualities?

What foods don't exist yet?

Lab4
Pharma

What will medicine look like
when it focuses on prevention
more than cure?

The future of pharma puts the
customer in control.

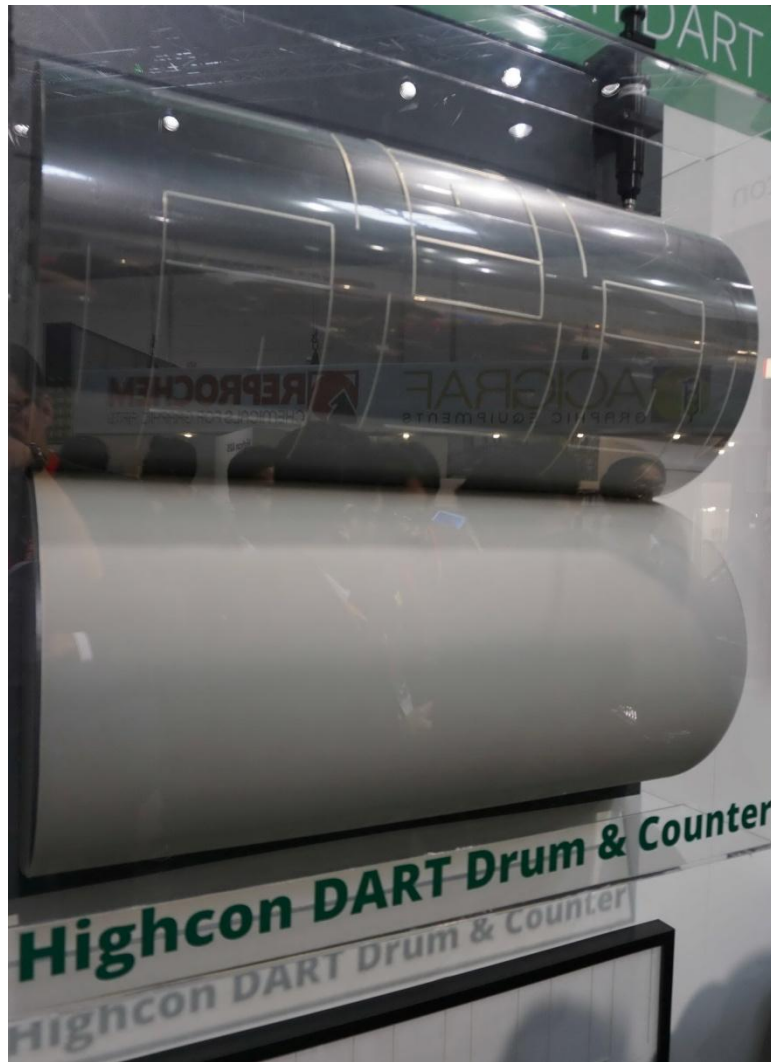
How can packaging improve
the consumers self-diagnose
and self-treat?

TouchPoint Packaging

Wish List for 2020

下期願望清單

Cut and Crease.....



Highcon DART Technology

DART Facts

- Dozens of patents and patent applications cover Highcon's products and technology
- Complex software, mechanics, chemistry and physics are applied to create a perfect creasing line
- DART creases support short and long runs with a life span of up to 20,000 sheets
- Best in class laser optics are used to achieve zero to minimal burn marks
- Digital flexibility enables optimization of the process per job, substrate and application

Digitally cut and creased products comply with industry standards for high speed folding gluing and automatic filling machines

Substrates

	Highcon Euclid III	Highcon Beam	Highcon Pulse
Cardboard and label thickness (μ)	200-600 (8-24pt.)	120-900 (5-36pt.) cutting 200-650 (8-26pt.) creasing	120-600 (5-24pt.)
Microflute (mm)	N+F+G up to 1.2 (47pt.)	N+F+G	n/a
Corrugated (mm)	n/a	E up to 2mm (78pt.)	n/a

Features

- + Intricate cutouts
- + Cut on crease
- + Customized/personalized cutouts
- + Etching/serialization
- + Perforation/scoring
- + Kisscut labels
- + Variable Data Cutting
- + 3D Modeling



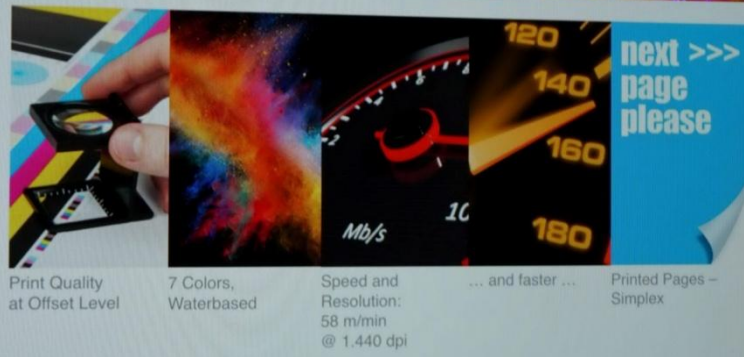


B2-Size liquid toner type
digital offset press



**More digital and offset
combination solutions**

VariJET 106 features



**Cross functions and cross competencies
development**



Questions to be answered:

Do we know what does our existing customers want?

Or

Are we to tell them what they should want?

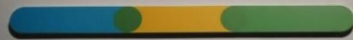
With

Which of these new technologies ?

And

Will they pay us more for these investments?

Welcome to drupa 2016



Thank You!



Reference Manufacturers:

Press 印刷機械



Digital 數碼印刷



FUJIFILM
Value from Innovation



XEIKON

Kodak

Landa



Canon

SCREEN



Varnishing 過油



steinemann



Foiling 燙金



Finishing 後工序



Laser 鐳射



Die cut 啤



Folder Glue 貼盒



Silk Screen 絲印



Sakurai



China Suppliers 中國供應商



SAILI 赛力

ZENBO 正博

GMB 光明

YUBOND
永邦机械

BOSHIDUN
博斯顿®



GUANGYA 三

