

Printers, Inks, Substrates, Cutters Exhibitor List



FESPA 2010



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Also, since this report is frequently updated, if you got your version from somewhere else, it may be an obsolete edition. FLAAR reports are being updated all year long, and our comment on that product may have been revised positively or negatively as we learned more about the product from end users.

To obtain a legitimate copy, which you know is the complete report with nothing erased or changed, and hence a report with all the original description of pros and cons, please obtain your original and full report straight from www.large-format-printers.org.

Your only assurance that you have a complete and authentic evaluation which describes all aspects of the product under consideration, benefits as well as deficiencies, is to obtain these reports directly from FLAAR, via www.wide-format-printers.NET.

Introduction

Here is a neatly organized exhibitor list for FESPA 2010, courtesy of FLAAR.

We have selected the most likely search topics related to the wide-format inkjet printer workflow. So obviously there is no list of screen printing, and for textiles, no list of decoration that is not from inkjet.

The exhibitor list is based primarily on booths in Halls B1, B2, and B3. Even with seven of us from FLAAR at FESPA, there was so much to see in this remarkable show that there was not time to get into most of the other exhibit halls.

This FLAAR Report will be in two editions:

Wide Format
 Printer **TRENDS**
 Lists part 1

at **FESPA** 2010

Wide Format
 Printer **TRENDS**
 Discussion part 2

at **FESPA** 2010

The present free edition, which is an exhibitor list. We illustrate a selection of the products, those products that we have access to. Access means we have visited their manufacturing plant, or a major distributor, or otherwise we have access to the company more than just visiting their booth at a trade show.

TRENDS version, with comparative information on pros and cons of each printer. The major value of the TRENDS version is to understand market share, and which brands are going up and which brands are falling down. And why. This report is obviously not a free download. You can subscribe by writing ReaderService@FLAAR.org.

The TRENDS version has illustrations of all products, all models where possible.

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UV printers; wide format

Agfa: Anapurna Mw (Dilli), :Anapurna M2050 (Dilli), :Anapurna 2500 LED (a giant fossil from pre-Gandinnovations and pre-Dilli times; contract-manufactured by Agfa itself. Agfa booth now includes printers left by Gandinnovations before all engineers and design staff left the company (just before Agfa took over): Jeti flatbed; 3.2 meter Jeti roll-to-roll UV.

Dilli Neo Jupiter; since Agfa has sales for Europe for other Dilli models, they exhibit this one model that is not part of Agfa's :Anapurna marketing style.

Durst Rho 1000, Durst Rho 750HS

DYSS Apollo 160 UV combo, Apollo RF Flatbed + XY cutter

Fujifilm Sericol UViStar 3532 (Matan Barak); Fujifilm Acuity Advance HS and Advance HSX2.

GCC StellarJet K72UV.

Gerber CAT UV

Grapo Shark X8/960 UV, Grapo Gemini, new dedicated flatbed to replace Grapo Manta.

HP Scitex FB 700, HP Scitex FB7500, HP TJ8600, HP Scitex XP2750, HP Scitex FB5300

Inca Onset S20 in booth of Fujifilm Sericol.

InkTec Jetrix 2513FQ and new Jetrix 2030FRK

KIP Color UV 180j (rebranded GCC StellarJET K72UV)

Matan Barak, 3.2 meter roll-to-roll in Barak booth. Second Matan printer in booth of Fujifilm Sericol.

Meital 304-D

Mimaki UJF-3042, three models one with Mimaki RIP, second with GMG RIP and third one with after market RIP. Two UJV-160 models (as in most expos, one as roll-to-roll; the other as hybrid flatbed). One Mimaki UJF-706; one Mimaki JFX-1631 (another in Screen booth under Screen brand name and color).

Mutoh Zephyr TS, for printing traffic signs with special inks; in booth of Summa.

Neolt X-Jet 2050, Neolt Aster-Jet. Another Aster-Jet in a second smaller Neolt booth

Oce Arizona 350GT and Arizona 550XT

Rastek T1000 dedicated flatbed; Rastek H650 combo with transport belt.

Roland VERSA UV LEC-330 (two in Roland booth). One older LEC-300 in distributor booth, TechnoPlot.

Screen TruepressJet 2500UV, TruepressJet 1600 UV-f equals their version of the Mimaki UJV-1631.

SwissQprint, Oryx, in booth of distributor and Impala (a new model) in booth of manufacturer.

VUTEk GS3200, VUTEk QS3250r; VUTEk GS5000r

WP Digital, faster version of Virtu RS35 combo printer and Virtu RR50, the 5-meter roll-to-roll UV printer.

Conspicuous by their absence:

IP&I went bankrupt earlier this year.



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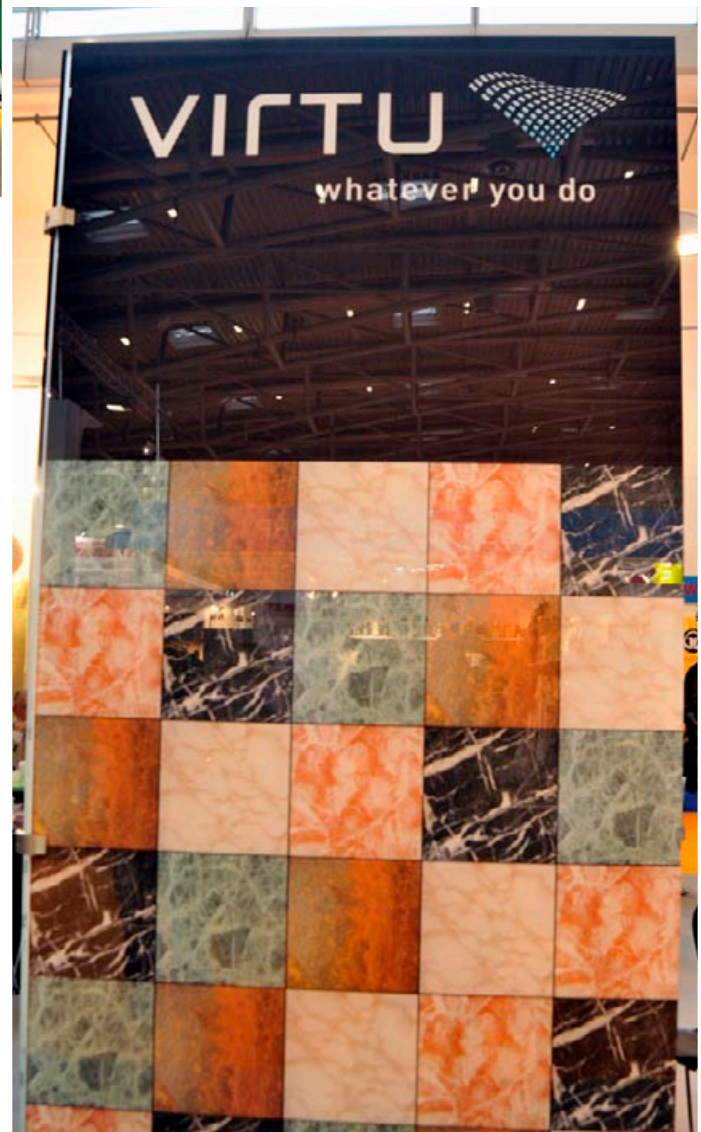
GRAPO Technologies samples at FESPA, Munich 2010 trade show.



GRAPO Technologies booth at FESPA, Munich 2010 trade show.



View of WP Digital booth at FESPA, Munich 2010 trade show.



WP Digital Virtu tiles samples at FESPA, Munich 2010



View of WP Digital booth at FESPA, Munich 2010 trade show.



Free FLAAR Reports

Chinese UV printers

Flora UV 1816UV. A RTZ flatbed had a German distributor at VISCOM Germany last year. CET in USA offers the same platform but with some remanufacturing in US (meaning replacing those parts which need to be higher quality). So the question is: does the German distributor sell the original Chinese version, or do they replace the major components with more reliable ones (as CET states they do in the US). So far we have zero evaluation of how any of these printers holds up in the real world: neither an original Flora flatbed nor a retrofitted one of CET.

Hanky (Taiwan and Mainland China both). Small booth; but no printer installed.

SkyAir Ship dedicated flatbed.

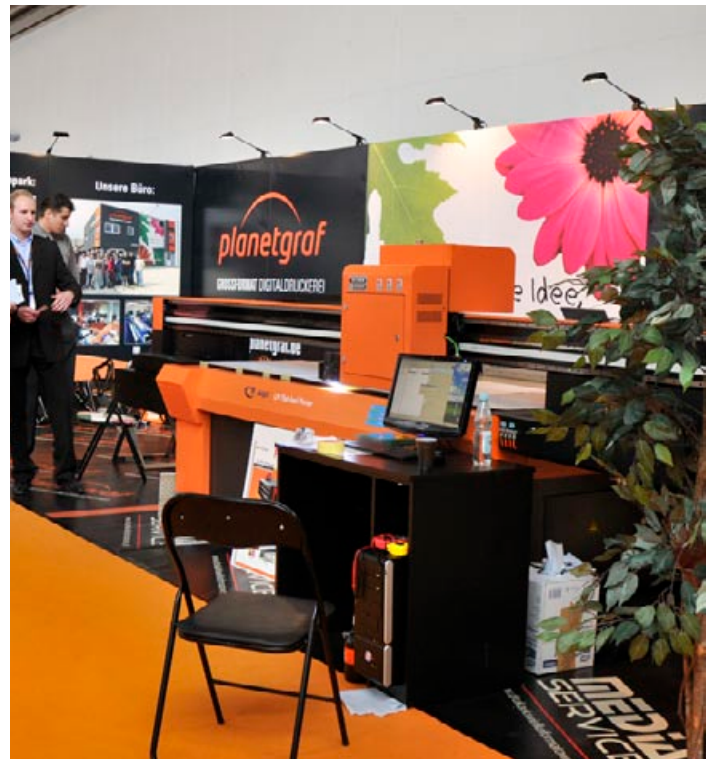
Teckwin International, TeckStorm TS, with hood now. Teckwin 3200UV, roll-to-roll.

JHF Vista had booth but only solvent printers: no UV.

Contract manufactured

Rastek H650 is contract manufactured in Asia.

The Rastek T1000 flatbeds are contract manufactured in USA.



SkyAir Ship booth at FESPA, Munich 2010 trade show.



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View Efi booth at FESPA, Munich 2010 trade show.

UV printers, narrow format

Atlantic Zeiser; primarily narrow format; not large format

Konica Minolta, narrow-format UV printer for labels; prints up to 27 sq mt per minute, but not manufactured by Konica Minolta.

EFI Jetrion 4830

UV accessories

Dr. Hönle, UV curing lamps

GEW (UV Lamps)

Integration Technology has an LED curing system on an old ColorSpan

Konica Minolta printheads

Phoseon Technology, UV curing lamps

Xaar printheads



Xaar Printheads booth at FESPA, Munich 2010 trade show.

SPECIAL PURPOSE FLATBED PRINTERS

Flatbed printers but not UV

JemTex, continuous inkjet system; water-based pigmented ink (unusual for continuous inkjet systems). One system for textile printing; another system for ceramic tiles. Not UV-cured.



SepiaX booth at FESPA, Munich 2010 trade show.

Polychromal, for printing on their anodized aluminum

Stiefelmayer-Contento: using glass ink from Dr Trier to print on glass using a Roland set atop a customized flatbed.

Smart Color; their flatbed printers can be outfitted to use SepiaX, Lumocolor, and a dozen other completely different inks.

SepiaX ink booth has a flatbed of desktop size using water-based resin ink.

Other printers

LAC Michelangelo 3D, in booth of Baumgartner-Trading.

Solvent printers

Borchert + Moller, Mimaki distributor

Epson GS6000

Fujifilm Sericol, exhibits the Mutoh printers that use Sericol after-market inks.

Mimaki, many eco-solvent models.

Mutoh, many eco-solvent models.

Roland, many eco-solvent models.

Seiko, all their popular mild-solvent printers.

Plus some additional distributors.



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Not one solvent printer was exhibited by VUTEk; no more solvent printers were exhibited by Agfa from the remnants of Gandinnovations.



Seiko Infotech booth at FESPA 2010 trade show.



Seiko ColorPainter H 104s at FESPA 2010 trade show.

Chinese solvent printers

Crystaljet

TechnoPlot has one Chinese-looking solvent printer, from Gongzheng, GZT3208 AV.

This is the lowest number of Chinese printers at any trade show in the world. Surely other brands will exhibit, but the verdict is fairly clear: European distributors are not interested in the tech support issues.

Merely the EU requirement that spare parts be maintained x-years is virtually impossible because almost no Chinese printer keeps the same components more than a few months! So even in two years the manufacturer himself may not be using the same part that he sold you in the printer that first year. So the spare parts for your model simply may not be manufactured any more, period.

Korean solvent printers

Optimum Digital Planet, Scorpion 3300



Guangzhou Crystaljet Industry Co., Ltd booth at FESPA 2010 trade show.



Inkwin booth at FESPA 2010 trade show.

Textile printers

Adeco, textile dryers

ATPColor in booth of AzonGermany

ColGraphix BV, distributor, Mimaki

Digital Textile, World Textile Publications

Inkwin TwinJet 5.5

Konica Minolta IJ Technologies Inc., Nassenger

Mimaki

MS

Multi-Plot, distributor of both **D-gen** from Korea and a 3.2 meter Chinese-made **ATP Color** printer. All other ATP Color machines are made in Italy by retrofitting Roland, Mimaki, or Mutoh printers. But one new ATP printer is from China.

Rimslow Global Pty Ltd makes primarily pre-treatment, post-treatment equipment, but also a Mimaki TextileJet TX400-1800D. **B2**

SETeMa

Zimmer Colaris is a large production printer for textiles. Zimmer is best known for printing on carpet material. But now they are moving into other areas.

Textile inks

Hilord, textile inks

Transfer paper

Beaver Papier BV
Coldenhove Papier



Beaver Paper at FESPA 2010 trade show.

Heat press, calendaring machines

Kala
Klieverik
MONTI ANTONIO

Water based printers

Canon
Epson
HP
Sepiax

HP latex ink printers

The smaller HP Designjet L25500 are in several booths of different distributors. The larger original large-format models, L65500 and newer HP Scitex LX600 and LX800 are only in HP booth.

Printable fabrics

3P Inkjet Textiles AG
Berger
Concordia Textiles; printable fabrics
Haining Dongyi Digital Textiles Co., Ltd, printable textile materials.
T.P.M., Korea
TCH Textile Co. Ltd., China

Resin ink printers (primarily Sepiax)

Mutoh retrofitted to handle Sepiax ink in a manner better than original. In booth of www.DigitalDruck Partner, B1

Sepiax booth has a Roland SP900 retrofitted for roll-to-roll Sepiax ink.

Epson Stylus Pro retrofitted to handle a resin ink. OEM origin of ink discretely not stated.

Sepiax ink that is sold only in the world area (the country or continent) of the official distributor is labeled as Sepiax ink. Ink that is in printers that in theory could be sold into diverse other countries, including potentially outside the official distribution area of the reseller, may use a different name for the ink.

Media, substrates

3M Deutschland GmbH
 Ahlstrom
 Arjobex Synthetic Papers
 Arlon
 ASLAN, Schwarz
 Avery Dennison Graphics and Reflective Products Division
 Cham Paper Group
 Clear Focus
 Coveme, polyester film
 Dickson Coatings, printable fabrics for signage and décor
 DuPont, Tyvek and other substrates.
 Eastsign, PE banner, PET banner, honeycomb, PVC foam
 Endutex - Revestimentos Texteis, PVC up to 5 m wide.
 Folex
 Grafityp Selfadhesive Products, eco-material.
 Haining Guangyu Warpknitting Co. Ltd, knitted not woven.
 Haining Longteng Plastic Co., Ltd. signage materials, technical textiles

Hangzhou Hongze New Material Co., Ltd, PVC, etc.
 Hebei Yuxin Plastic Company Ltd.
 Hebei Runlin International Ltd, PVC film, printable textiles
 Heytex, technical textiles, both woven (coated) and knitted (laminated)
 Hongyuan Techtex (JINDA Corporation), coated and laminated, up to 5.1 m.
 Ikonos (Poland), PVC
 Innovia, fine art media, including for eco-solvent and latex inks.
 IntelliCoat Technologies
 Intercoat - AMC Pancke AG, PVC, and PVC-free materials
 JM Technical Textiles Junkers + Müllers, technical textiles
 JUTU Technologies Ltd., PVC
 Kernow Coatings Limited
 LG Hausys
 Linte Digital Fine Art Canvas Industry
 Natura Media Inc.
 Neschen
 Ningbo So-Fine Paper Products CO. Ltd
 Ningbo Yinzhou Sicol Sign Materials CO. Ltd
 Nuclear Coating Fabric



Dickson Coatings booth at FESPA 2010 trade show.

Obeikan Technical Fabrics Co. Ltd., now includes non-PVC

- ObeSmart PE-180
- ObeSmart PP Standard
- ObeSmart PP Premium
- Obeflex Cybertex roll up
- Obeflex Cybertex Delux
- Obeflex Cybertex 260

ORAFOL Europ

Orientflex

Real Colour Industry Co., Ltd

Réflexiv

Regulus

Ritrama

Shanghai Fly International Trade Co., LTD

Shanghai Hanker Plastics Co.,Ltd

Shanghai Huayuan New Composite Materials Co. Ltd.

Shanghai NAR Industrial Co., Ltd.

Sihl

SMI, Korea, PET, PP, polyester, photo paper

Soyang Technologies Co., Ltd.

TA YA CANVAS (Shanghai) Company Ltd., PVC.

Verseidag Indutex GmbH - seemee®, technical textiles.

Wonpoong Innogreen.

Wuxi Guoshun Ad Material Corp. Ltd

X-film, Germany

Yeong Jeou, PE for solvent and UV; up to 5 meter width.

Yupo

Zhejiang Botai Plastic Co., Ltd.

Zhejiang Dejia New Material Co., Ltd

Zhejiang Hailide New Material Co., Ltd

Zhejiang Huasheng Warp Knitting New Material Co., Ltd

Zhejiang Huifeng New Materials Co., Ltd.

Zhejiang MSD Warp Knitting & Coating Co., Ltd.

Zhejiang Tianxing Technical Textiles Co., Ltd.

ZheJiang Yuli Plastic Co., Ltd.

Zhejiang is a province located below Shanghai with one side facing the East China Sea.

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Obeikan media samples at Fespa 2010.



FESPA 2010: Obekian booth.



Yeong Jeou, PE Aria booth (above). Dr. Nicholas Hellmuth with YJ staff.



Thick rigid substrates

- Alcan
- Artfoam
- Eastsign
- Fredrix Print Canvas (Tara Materials Inc.)
- Hebei Yuxin Plastic Company Ltd., PP hollow board, ABS sheet
- JUTU Technologies Ltd., PVC foam board
- K&D (Shanghai) Industrial and Trading Co. Ltd., TouchBoard
- Taizhou Baiyun Jixiang Decorative Material Co. Ltd
- Williams, Latvia

- Jetbest, includes textile inks
- J-Teck3, includes textile inks
- Kiian
- Marabu
- Rainbow Pigment Co., Ltd. Chromoink.

Printable Honeycomb board

- Hexacomb (Pregis), Falconboard
- Although there are examples of furniture made out of honeycomb board in several booths, there were more examples in JapanShop 2010 and at VISCOM Paris 2009.

Inks

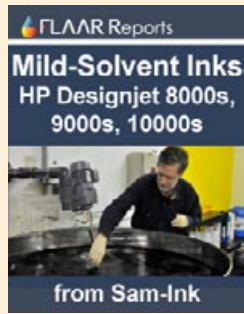
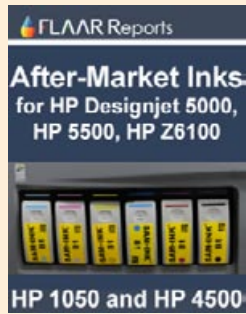
- A.T. Inks
- Chimigraf
- Encres Dubuit
- Fillink – Sioen Chemicals
- Free Radical Industrial Co., Ltd; Tong Jou Chemical Industrial Co., Ltd.
- Fujifilm Sericol
- Hilord, textile inks
- Jetrix
- Inkwin
- ItInk



AT Inks booth at FESPA 2010 trade show.



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REDGiant

Sam Ink

Sawgrass



Dr. Nicholas Hellmuth at SAM INK booth, FESPA 2010 trade show.

Sensient

Sioen

SJ-D5, Korea

Staedtler: in an early list but on last set-up day I have still not found them.

SuperJ Star

Coatings and laminations

Beijing Fulei Industrial & Commercial Co. Ltd

Bürkle LFC-2100 in booth of Marabu; this machine is new and there is thus no FLAAR Report on it until we can visit the factory and inspect in demo-room

Drytac

Kala

Seal



Drytac, experts in finishing equipment, at FESPA 2010.



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RIP software

Caldera; most of the big-name heavy-duty printers at FESPA you can see Caldera RIP on their monitors.

ColorGATE; a German-based company that is thus strong at a trade show in Germany

ErgoSoft; covers diverse applications.

Onyx; a well known but complex RIP

SAI; software for signage.

Wasatch is a well respected RIP and is most popular at entry-level and mid-range.



FLAAR Reports
**RIP Software
for Solvent & UV**
Caldera RIP Software

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Caldera RIP software booth at FESPA 2010 trade show.

MIS business software

EskoArtwork

Theurer.com

Doming

Chemque

Euro Drop

Liquid Lens Europe Ltd

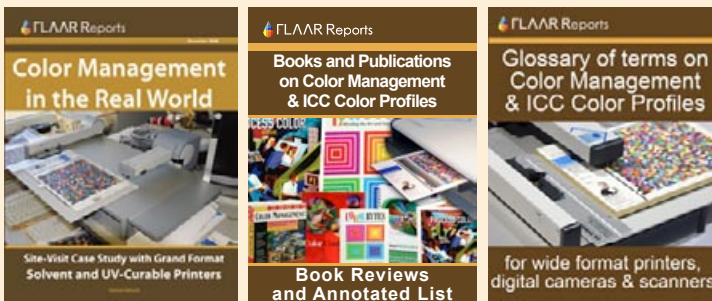
Color management

BARBIERI electronic

Digital capture

Cruse

Stiefelmayer-Contento, 3D cameras



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Flatbed cutters, CNC routers

Aristo

EskoArtwork

Fotoba

Zund

We do not yet list Chinese-made cutters until we have inspected their factory and inspected usage at end-user to document their reliability.



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Esko Kongsberg booth at FESPA 2010 trade show.

Trade Show organizers

Reed Exhibitions (VISCOM)

UBM Trust Co., Ltd., Sign China, in Guangzhou

Trade Magazines

Digital Textile

Dijital Teknik Magazine

ESMA


PLAKATIV-Magazine, EuBuCo Publishing

Signs of Russia Magazine

SIP

WNP Verlag (Digital Signage, WRAPS, Werbetechnik)

Plus many other trade magazines



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Electronic signage, LCD and LED signage

This is the first trade show report where we begin to mention these signage technologies. To ignore them is to ignore reality.

But the concept at FLAAR Reports is “wide-format inkjet printing is more than signage.” At every meeting people express their worry about digital signage (taking over from wide-format inkjet printing), but instead they should study the market potential for developing inks and printers for décor and industrial printing applications. Depending on signage for wide-format printer applications was correct in past years, but this is the year 2010.

FLAAR will still feature, and focus on, wide-format inkjet printing (for signage and for all innovative applications in interior decoration and industrial applications). But we have been keeping our eyes and ears open for trends towards e-signage. Fortunately, with the Hellmuth family background in architecture, we also look forward to the continuing trend for UV-cured and resin inks being used to decorate wood, ceramic tiles, glass, stone, and other materials for interior decoration.



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Nicholas Hellmuth Lectures at FESPA 2010



FLAAR is often asked to speak at a trade show. So this year Dr Hellmuth was lecturer several times at Graphics of the Americas in Miami and will lecture three times at FESPA Mexico and then speak several times at Sign Africa in Johannesburg.

Here at FESPA in Munich he did a private lecture for HP CEE (Central Europe and Eastern Europe) in part because many printshop owners and managers from this part of the world read the FLAAR Reports and also because the new FLAAR Europe office will be in Slovenia (south of Austria, east of Italy, and north of Croatia).

FLAAR is available for private lectures at trade shows, and for booth appearances. Private lectures tend to be for either distributors or print shop owners. Booth appearances are for either of those groups, or also for press and industry analysts.

To book Dr Nicholas Hellmuth at your booth or for your clients at any trade show in the world for 2010 or 2011, write FrontDesk@FLAAR.org. Dr Hellmuth is also available for OpenHouse events, product launch events, and comparable venues.

WHY ARE THERE REPORTS ON SOME COMPANIES AND NOT OTHERS

You will notice that there are many FLAAR Reports, but not on every single brand. This is because to do a FLAAR evaluation, we need to visit the factory, visit the company headquarters, and inspect the product(s). Then it helps to visit print shops somewhere in the world that use the product(s) so we can see how they function out in the real world.

So for AT Inks there are FLAAR evaluation Reports since we visited their two factories and main offices in India. Then we inspected a print shop in Delhi where the owner said he preferred the AT Inks over Toyo inks (a good Japanese ink). Then we made two visits to a print shop in Guatemala that was using AT Inks. Again, they were using other brands of inks before, but switched to AT Inks and said they liked them better because of less clogging.



Nicholas Hellmuth at AT Ink booth, FESPA 2010.

For Sam Ink there are FLAAR Reports because Dr Hellmuth spent three days inspecting their company headquarters and ink production facilities. Then it was possible to visit three different print shops that were using these inks.



Nicholas Hellmuth at Sam Ink factory



Nicholas Hellmuth at Obeikan factory.

For the substrates we have spent a week inspecting the entire Obeikan corporations (there are many companies working under a related corporate structure). Dr Hellmuth visited all the factories and interviewed the engineers, chemists, etc. We also know all the major brand names around the world who use Obeikan as their manufacturer.

We hope this explains why there are FLAAR Reports on these brands. Year by year we add additional brands, as access is provided to inspect and get to know the other companies.

Now for 2010 we will be interested in inspecting manufacturers of inks, media, and substrates in Korea, Taiwan, and China. If your company wishes to invite FLAAR to inspect your factory and products and do an evaluation project, write FrontDesk@FLAAR.org

FLAAR STAFF



Dr. Nicholas Hellmuth and FLAAR staff at FESPA 2010 trade show.



Dr. Nicholas Hellmuth and graphic design team at FLAAR main office



Dr. Nicholas Hellmuth and FLAAR web design team at FLAAR main office.