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SASSESSION Solvent Printers

July 2010



ISA Solvent Printers



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Contents

Challenger Jumbojet FY-3266j	1
Crystal Jet CJ-1000F	2
DGI OR-1806	3
DGI PS-1804	4
DGI PS-3204D	5
DGI PS-3206D	б
Epson Stylus Pro GS6000	7
ESS K-Jet	14
ESS Ultra-Jet	15
Infiniti Fina 250PQ	16
Infinity Spectra 3360SW	17
Innojet 1802	18
Kanjet-180B	19
Kanjet-250B	20
Kanjet-320B	21
Mimaki CJV30-60	22
Mimaki CJV30-100	23
Mimaki CJV30-160	24
Mimaki JV33-160	25
Mimaki JV3-75 SPII	27
Mutoh Valuejet 1304-54″	28
Mutoh Valuejet 1608HA Hybrid	30
Mutoh Valuejet 1614-64"	32
Mutoh Valuejet 1618 Dual Head	33
Roland Soljet PRO III XC-540	37
Roland Soljet Pro III XC-540MT	38
Roland Versacamm SP-540V	39
Roland Versa Art RS-640	40
Roland VersaCAMM VP-300i	41
Roland VersaCAMM VP-540i	42
Seiko ColorPainter H-74s	43
Seiko ColorPainter H-104s	45
Seiko ColorPainter V-64s	46
SID XE Series	47

Front cover photograph: general view of the ISA 2010 tradeshow venue

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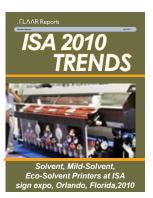
Solvent Printers at ISA 2010

Introduction

There are two different editions of most FLAAR trade show reports:

• Free version (the one you have here)

• An edition with more discussion (onTRENDs especially), more photographs, and tabulations.



The TRENDs version, \$320, you can purchase from www.wide-format-printers.NET, or you can ask to be invoiced by writing info@FLAAR.org.

There are also two different editions of the FLAAR Reports on UV-cured printers at ISA: free version and special for-pay TRENDs version.

You can also obtain FLAAR Reports on media and substrates that are exhibited at the different trade shows during 2010.

Advantage Sign Supply

(Supply distributor) Epson Stylus Pro GS6000 Mimaki CJV30-60

Bantex Digital Media (Supply distributor) Mimaki JV33-160

Caldera (RIP manufacturer) Mutoh Valuejet 1618 Dual Head

Crystal Jet (Inkjet printer manufacturer) Crystal Jet CJ-1000F DGI

(Inkjet printer manufacturer) OR-1806 PS-1804 PS-3204D PS-3206D

DGS

(Inkjet printer distributor) Challenger Jumbojet FY-3266j

DTG (Digital Technology Group)

(Supply distributor) Epson Stylus Pro GS6000

Epson

(Inkjet printer manufacturer) Epson Stylus Pro GS6000

Electronic Sign Supply

(Inkjet printer manufacturer) ESS K-Jet ESS Ultra-Jet

Fujifilm

(Inkjet printer distributor) Mutoh Valuejet 1618 Dual Head

Graphics One (Inkjet printer distributor) Mutoh Valuejet 1608HA Hybrid

Grimco

(Supply distributor) Epson Stylus Pro GS6000 Mimaki CJV30-160

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Infiniti (Inkjet printer manufacturer) Infiniti Fina 250PQ Infinity Spectra 3360SW

Inktec (manufacturer of inks) Roland Versacamm SP-540V

Innova (inkjet paper distributor) Epson Stylus Pro GS6000 Mutoh Valuejet 1618 Dual Head

INX DIgital (after-market ink manufacturer) Mimaki JV33-160 Mimaki JV3-75 SPII Roland Soljet PRO III XC-540

Kandigital (Inkjet printer distributor) Kanjet-180B Kanjet-250B Kanjet-320B

Mimaki (Inkjet printer manufacturer) Mimaki CJV30-100

Mutoh (Inkjet printer manufacturer) Mutoh Valuejet 1304-54" Mutoh Valuejet 1608HA Hybrid Mutoh Valuejet 1614-64" Mutoh Valuejet 1618 Dual Head N. Glantz & Son (Supply distributor) Mutoh Valuejet 1304-54"

Pitman (Supply distributor) Epson Stylus Pro GS6000

Roland (Inkjet printer manufacturer) Roland Soljet Pro III XC-540MT Roland Versa Art RS-640 Roland VersaCAMM VP-300i Roland VersaCAMM VP-540i

Tubelite (Inkjet printer distributor) Seiko ColorPainter H-74s

Seiko (Inkjet printer manufacturer) Seiko ColorPainter H-104s Seiko ColorPainter V-64s

SID Signs (Inkjet printer distributor) SID XE Series

Sign Universe (Inkjet printer distributor) Epson Stylus Pro GS6000

TCIC (Supply distributor) Innojet 1802

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Challenger Jumbojet FY-3266j



Challenger Jumbo Jet FY-3266j at DGS booth, It has improved automatic cleaning system, one printhead at a time.



Crystal Jet CJ-1000F



Ink containers close-up. The ink supply system provides constant ink pressure and constant ink heating temperature, which ensures smooth and stable printing.



Crystal Jet CJ-1000F outdoor high resolution printer at Crystal Jet Booth.

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DGI OR-1806



DGI OR-1806 printer with an automated maintenance system (dual action system that uses suction while it purges ink).



DGI booth exhibits the OR-1806 printer.

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DGI PS-1804



DGI PS-1806 printer with auto feeding media system for large format printing.



PS-1806 solvent printer at DGI booth.

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DGI PS-3204D



The DGI Ps-3204D is a dual high speed solvent printer that features dual printheads per color.



PS-3204D solvent printer at DGI booth.

DGI PS-3206D



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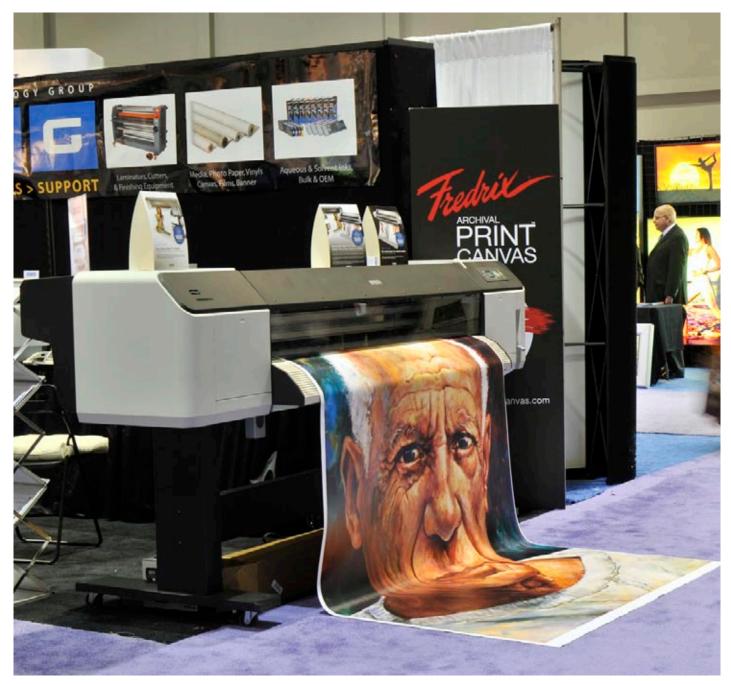
The PS 3206D dual media handling system supports two 1.5 meter supply rolls for dual media printing.



PS-3206D solvent printer at DGI booth.

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Epson Stylus Pro GS6000



Epson Stylus Pro GS6000 solvent printer at DTG (Digital Technology Group) booth. This printer has a robust take-up reel system for complete, long-run unattended production and a professional roll media handling up to 64 inches wide.





Advantage Sign Supply booth exhibits the Epson Stylus Pro GS6000.

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Epson Stylus Pro GS6000 eco-solvent printer in Epson booth.

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Epson Stylus Pro GS6000 uses a Colorburst RIP with automatic Pantone Color Matching. Unfortunately several leaders in the giclee industry have pointed out that the color gamut, while okay for signage and décor, is not adequate for giclee of high quality.



Epson Stylus Pro GS6000 exhibited at Grimco booth.

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11



Innova displays the Epson Stylus Pro GS6000 printer. The Epson Stylus Pro GS6000 comes with a hot-swappable High-Capacity ink system which is definitely better than some older ink delivery systems.

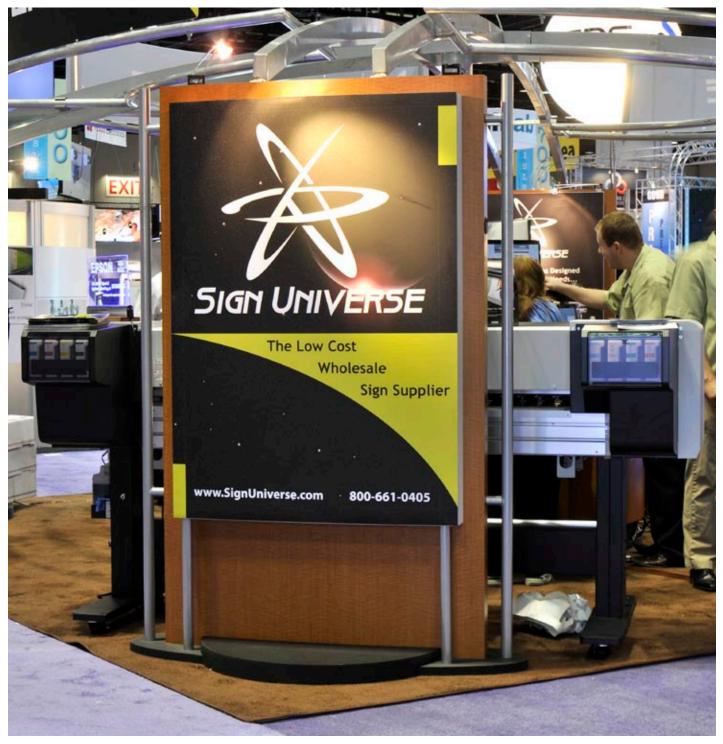
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12



Pitman booth exhibits the Epson Stylus Pro GS6000 printer.

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Sign Universe booth featuring the Epson Stylus Pro GS6000.



ESS K-Jet



ESS K-jet solvent printer noozles close-up look



Electronic Sign Supply booth exhibits the K-Jet solvent printer.

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ESS Ultra-Jet



The Ultra-Jet printer has an auto anti-clogged flash, head maintenance system.



ESS Ultra-Jet solvent printer at Electronic Sign Supply booth.

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Infiniti Fina 250PQ



Samples of the Infiniti Fina 250PQ printing materials (above) and the printer itself (below).



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Infinity Spectra 3360SW



Infiniti 3360 SW 10' superwide printer, has 16 Spectra Skywalker print heads to achieve up to 1200dpi with photo quality.



Infinti Spectra 3360 SW solvent based printer.



Innojet 1802



The Innojet 1802 has dual heads that can be replaced separately and can have height adjusted.



Innojet solvent printer ar TCIC booth.

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Kanjet-180B



Kanjet-180B printer ar Kandigital booth.

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Kanjet-250B



Kanjet 250B printer's ink supply system can be set to automatic or manual.



Kandigital exhibits the Kanjet-250B solvent printer.

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Kanjet-320B



Kanjet 320B printer uses XAAR printheads and has an automatic cleaning system and automatic dry preventing system. However there is no FLAAR recommendation on any Chinese printer if we have not done an inspection of the factory and interviews with end-users.

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Mimaki CJV30-60



Select 6 colors + white mode for white ink overlay print with the Mimaki CJV30-60 printer



Advantage Sign Supply booth exhibiting Mimaki CJV30-60.

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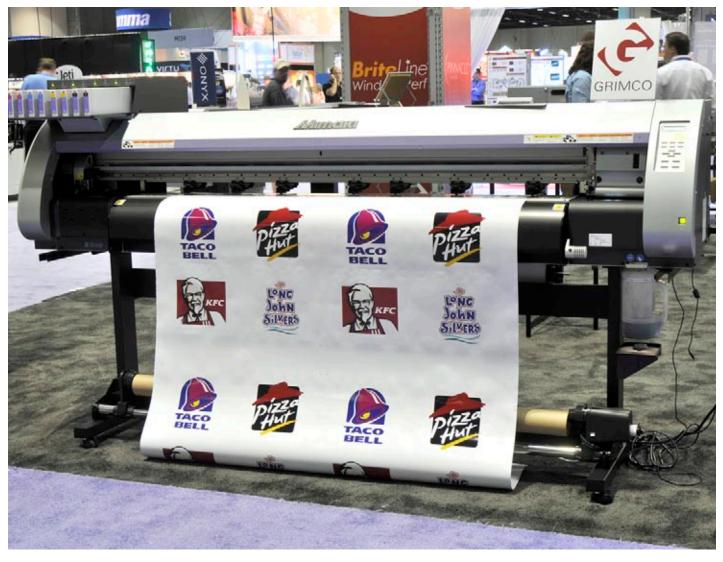
Mimaki CJV30-100



Mimaki booth features the Mimaki CJV30-100 printer.

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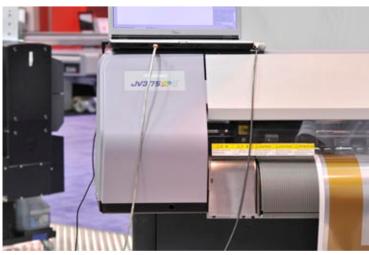
Mimaki CJV30-160



Mimaki CJV30-160 printer at Grimco booth.

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Mimaki JV3-75 SPII



Mimaki JV3-75SPII on display at INX Digital booth.



Mimaki JV3-75SPII uses an automatic take-up device uses tension to allow for unattended and continuous printing.

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Mimaki JV33-160



Bantex Digital Media booth exhibits the Mimaki JV33-160.

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27

Mimaki JV33-160 uses UISS (uninterrupted ink supply system) for continuous printing is standard on JV33 machines. The JV33 can utilize two cartridges per color in 4-color mode. When the ink cartridge runs out, another cartridge begins supplying ink and helps prevent running out of ink. Ink cartridges can be changed during printing. However realize that Epson-style rectangular cartridges potentially waste ink and are so old-fashioned that even Epson has developed a better system for their newer printers.





INX DIgital booth exhibits the Mimaki JV33-160.

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Mutoh Valuejet 1304-54"



Mutoh Valuejet 1304 at Mutoh booth.



29

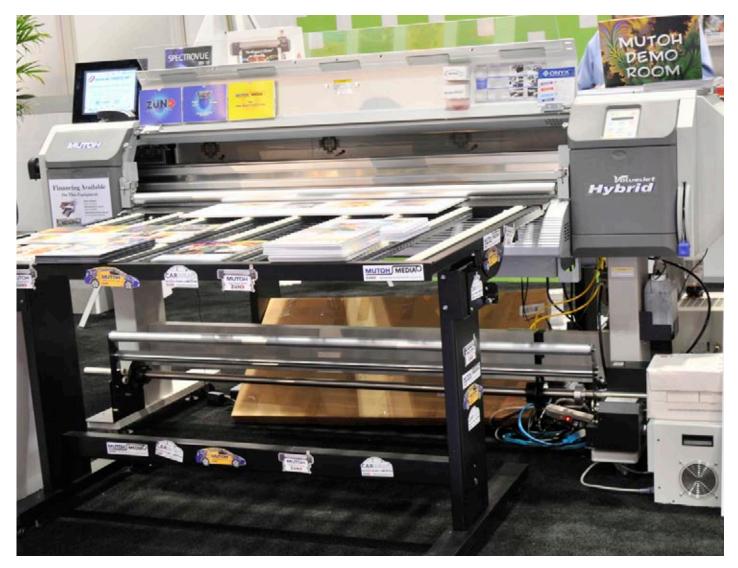




Mutoh Valuejet 1304-54" at N. Glantz & Son booth.

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Mutoh Valuejet 1608HA Hybrid



Mutoh Valuejet 1608HA hybrid printer at Mutoh booth was developed by Mutoh to handle bio-solvent ink. But that bio-solvent ink has too many issues and never became really popular. Ironically the feature that Mutoh added (hot air duct that travels along with printhead carriage) makes this printer the best available for resin inks and for Jetbest alcohol-based inks. It is sad that Mutoh accepted bio-solvent (that was a terrible ink) and yet totally rejects Jetbest or Sepiax inks.

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Graphics One booth exhibits Mutoh Valuejet 1608HA hybrid printer though primarily to use Sepiax resin ink.



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Mutoh Valuejet 1614-64"



Mutoh booth exhibits the Mutoh Valuejet 1614-64".



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Mutoh Valuejet 1618A Dual Headed



Mutoh booth exhibits the Mutoh Valuejet 1618 dual headed 8 channel printer.

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34



Mutoh Valuejet 1618A dual head, roll to roll (optional HD take-up system) printer in Caldera booth.

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Fujifilm booth exhibits the Mutoh Valuejet 1618 dual head printer.



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Mutoh Valuejet 1618 prints directly onto full- color posters, banners, backlit panels, POS displays, notices, signs, and stickers.



Innova booth exhibits the Mutoh Valuejet 1618 printer.

Roland Soljet PRO III XC-540



Roland Soljet PRO III XC-540 solvent printer with integrated print/cut capabilities, INX booth.

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Roland Soljet Pro III XC-540MT



Roland Soljet Pro III XC-540MT offers metallic silver and white color ink option, Roland booth.



Roland booth. Just realize that you need to check the longevity of these special inks. You also need to ascertain whether you have to slow down your printer to use special inks.

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Roland VersaCAMM SP-540V



Roland Versacamm SP-540V printer with removable pinch rollers and adjustable printheads (2.2 mm lowest, to 3,2 mm highest), Inktec booth.



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Roland Versa Art RS-640



Roland Versa Art RS-640 solvent printer at Roland booth.

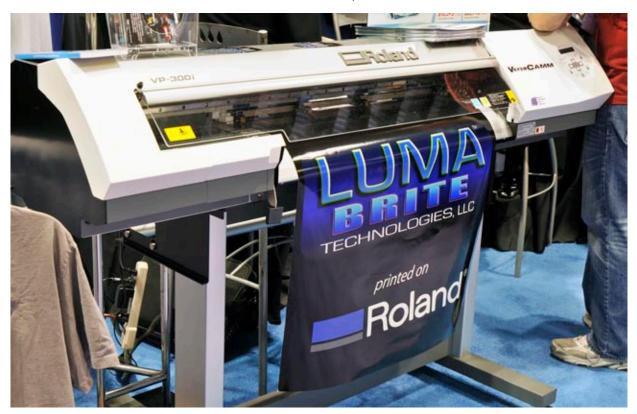


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Roland VersaCAMM VP-300i



Roland VersaCAMM VP-300i solvent printer at Roland booth.

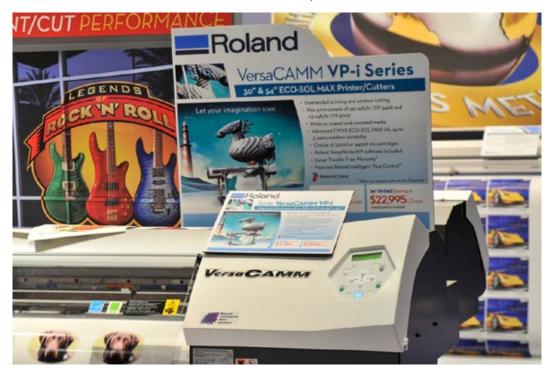


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Roland VersaCAMM VP-540i



Roland VersaCAMM VP-540i solvent printer at Roland booth.



Seiko ColorPainter H-74s



Seiko ColorPainter H-74s mild solvent printer at Tubelite booth.



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Seiko ColorPainter H-74s mild solvent printer at Seiko I Infotech booth.



Seiko ColorPainter H-74s mild solvent printer front view.

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Seiko ColorPainter H-104s



Seiko ColorPainter H-104s mild solvent printer at Seiko I Infotech booth.



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Seiko ColorPainter V-64s



Seiko ColorPainter V-64s mild solvent printer at Seiko I Infotech booth.



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SID XE Series



SID XE Series printer at SID Signs booth.

