

The image features two large, bold, dark blue letters, a lowercase 'm' on the left and an uppercase 'M' on the right. The letters are stylized with rounded tops and a consistent thickness throughout. They are centered horizontally in the upper half of the page.

Smart Printing Equals Value

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Smart Printing Equals Value

Mutoh has been an industry leader for more than 60 years.

Founded in 1952 in Tokyo, Mutoh Industries, Ltd. began as a manufacturer and distributor of mechanical drafting products, and has since become the world's foremost manufacturer of wide-format printers.

Through ongoing innovation, Mutoh continues to pioneer new technology and integrate it into our printers.

With education this technology it taught and practiced with dealer partners and customers alike throughout the US in one of Mutoh America's five fully equipped and staffed education facilities. This new innovation is what makes Mutoh printers smart and more valuable to the customers who use them.

What is smart printing?

Features are important and all printer manufacturers will continue to improve upon the performance of their machines with increased speeds, higher resolution and better ink technology.

- But where does the true value of a printer come into play?
- Where does the customer see and actually experience real value for their dollar?
 - Mutoh America believes it's by integrating smart technology into the printer and by incorporating smart print features into the printing process.

M

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**Not just another check
mark on a spec sheet...**

**Mutoh delivers real
value to the customer**

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Eliminate Banding

Smart printing is Mutoh's patented Intelligent Interweave print technique which virtually eliminates banding.

- With multiple effects to choose from, Intelligent Interweave lays down ink in a wave pattern and eliminates the straight path printing pattern (banding) that is customary of other printer manufacturers, thus producing higher quality, better looking prints.

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ValueJet Effects Chart
Smart Printing Technology



None (1, 2, 3) – Straight line printing, Maximum Print Speeds



Wow (1, 2, 3) - Applies "Wave" to K & C, "None" to M & Y



Wave (1, 2, 3) - Ink is printed in a Sine Wave pattern



Fine & Wave (1, 2, 3) – Use for finer details



Fuzz (1, 2, 3) – Edges of each pass are slightly blurred in a sine wave pattern



Fine & Fuzz (1, 2, 3, 4, 5, 6) - Use for finer details



Fog (1, 2, 3) – Print passes begin to interlace into each other



Fine & Fog (1, 2, 3) – Print passes smooth into a gradation; no "hard edges" between each pass



Super Fine & Wave (A or B)

All above Effects were printed at 720x720, 8 pass print mode. Effects may appear different in other print modes or from printer model to printer model. All wave form effects have been optimized for the new print head in the VJ-1624, VJ-1324, & VJ-1638 by adding new choices for speed/quality flexibility i.e. Wave 3, Fuzz 3, Fog 3, Fine and Fog 3, Fine & Fuzz 6, etc.

Effects are used to significantly reduce or eliminate banding when the PF Adjustment has been properly calibrated for specific media types.

- If "None" effect is selected print speeds are at maximum for that print mode
- If "Wave, Fuzz, Fog, or Wow" is selected print speed will be reduced up to 5%
- If "Fine & Wave or Fine and Fuzz" is selected print speed will be reduced up to 20%
- If "Fine & Fog" is selected print speed will be reduced up to 32%
- If "Super Fine and Wave" has two selections allowing you to choose only "A" channels of the print head or "B" channels of the print head if nozzle clogging occurs.

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Color Management

Smart printing is the ability to incorporate on-printer color calibration.

- Through the use of Mutoh's SpectroVue VM-10 spectrophotometer it is easy to implement true process control for multiple print jobs using multiple printers so you can produce consistent images time after time, which ultimately leads to improved customer satisfaction.



Process Control

Smart printing is ColorVerify, the first-of-its kind in the industry.

ColorVerify is an on-printer and Internet-based (Pro) color checking system that manages color output, maintains consistent colors for repeat jobs, maintains low overhead costs, and reduces customer costs which enhances customer satisfaction and saves time.

Use the basic version of know what prints will look like before wasting materials, check for color drift and incorporate simple process control in your work flow.



Remote Diagnostics

Smart printing is Mutoh's ValueJet Service Monitor (VSM), application software used to monitor and confirm printer status.

Monitoring color consistency, firmware checks, printer alerts through email and smart phone access.

Unique only to ValueJet printers, and compatible with the ValueJet 1324, 1624, 1638 and 1638HS printers.

The VSM can; check and update firmware, use the ColorVerify feature to monitor output, has an email notification system to alert you of the printer's status including ink levels, media status and heater temperatures and will provide remote access via your smart phone so you are always in touch with what is happening with your printer.



Instant Banners

Smart printing is Ready2Print pre-grommited and pre-welded banner material for use with the Mutoh ValueJet 1204GA printer.

Ready2Print media allows customers to save time, money and resources by printing and providing banners when they're needed. This time saving solution is only available through Mutoh and increases productivity, improves customer satisfaction and helps strengthen customer loyalty.



Ink Technology

Smart printing is improved ink technology.

Designed with the environment in mind, Mutoh's Multi-Purpose (MP) Ink is made of 60% BIO-based materials, meaning no Hazardous Air Pollutants or metals. Mutoh's Eco-Ultra Ink features unbeatable scratch resistance under the most aggressive conditions. Both ink technologies are proven in the industry to provide the best print results on the widest range of printable media and substrates on the market today.



Finance Options

Smart printing is finding the right financing solution for all of your equipment purchases.

Mutoh has its own financing organization, Mutoh Financial Services, through which customers are able to bundle all of their equipment needs, not just Mutoh products, into a lease package that fits their budget and satisfies their financial requirements.

Use Mutoh Financial services for custom plans, 100% financing and fast approval (apply and buy!)



Experience

Smart printing is a strong, reliable and trusted partner.

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Any Questions?

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