

For Immediate Release

MUTOH launches their first genuine RIP software VerteLith™ achieves high image quality and workflow efficiency

MUTOH INDUSTRIES LTD.



MUTOH INDUSTRIES LTD. a leading manufacturer of wide-format inkjet printers, affiliated with MUTOH HOLDINGS CO., LTD. today announced the launch of their first genuine RIP software "VerteLith™" that optimizes the performance of MUTOH printers and delivers the workflow efficiency for customer. It will be available from the beginning of November this year.

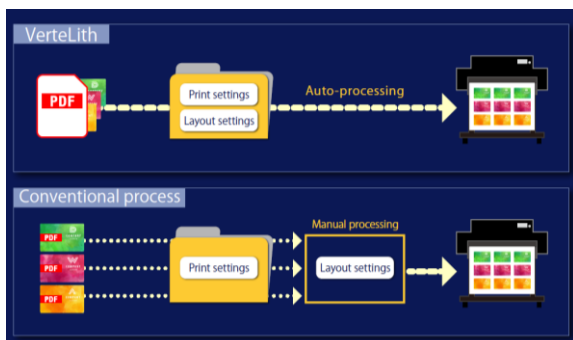
VerteLith™ is an advanced RIP software with various functions, equipped with "MUTOH Clear Tone", an original half-tone technology that optimizes the performance of the MUTOH printers and delivers beautiful image quality with smoothness and reduced graininess. The "Soft Proof" function simulates the color of the printed image on the screen and the "RIP Preview" function displays the ripped "actual printing dots", which helps to prevent misprints, save media and ink, and reduce the loss of production time.



MUTOH Clear tone achieves more beautiful image with smooth and less variation in skin color density.

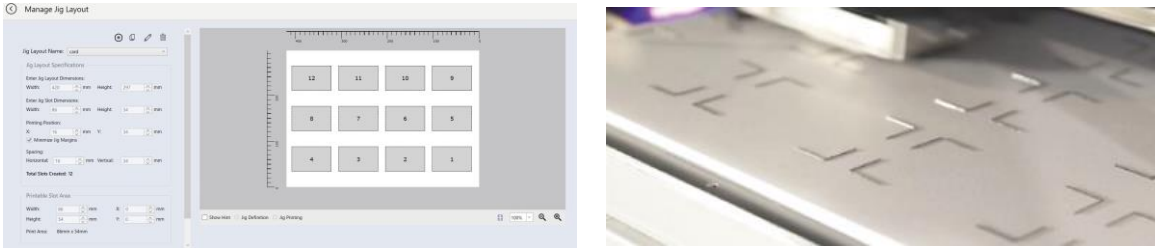


MUTOH CMYK enlarges color gamut.
* "Japan color" complies with the ISO.



While the current RIP software is primarily aimed at roll to roll large-format printers, VerteLith™ goes beyond that to include a "Jig layout tool" to enhance the ease of use for UV flatbed printers. The function on auto-layout and print with integrated multi-job PDF, or the function on auto-layout and print with PDF integrated color and spot colors helps customers streamline their workflows.

In addition, it enables the simplified jig production by 2.5D printing, which contributes to reducing the cost of jig production and saving the time.



The simplified jig production

Key features on VerteLith™

■ High quality printing technology

The MUTOH original half-tone technology, “MUTOH Clear Tone” and ICC input profile, “MUTOH CMYK “ provide smoother tone and wider color gamut. It also accurately processes PDF transparency effects and drop shadows for highly reliable output.

■ Two preview functions to reduce mistakes and losses

“RIP Preview” displays the ripped “actual printing dots” on the screen to prevent the use of improper data (even variable dots can be confirmed), and the “Soft Proof” function simulates the color of the printed image on the screen before printing.

■ Features to streamline the workflow

“Layout information” as well as “print settings” can be set as auto-processing items to automate layout and printing. In addition, simplified Jig production by 2.5D printing can be performed.

■ Efficient multi-layer printing

Multi-page PDF integrated with color and spot colors can provide automated multi-layer printing according to pre-set printing conditions.

It is also possible to automate the generation of spot colors and multi-layer printing from the shading of color data.

VerteLith™ will be available from the beginning of November this year, starting with Europe and Asia including Japan, initially for the wide format UV LED printers, VJ-1638UR/ 1638UH and the desktop flatbed UV LED printers, XPJ-461UF/661UF. Other major models are also scheduled to be supported in succession.

MUTOH will maintain partnership with the 3rd party RIP vendors to promote business in existing markets and by introducing VerteLith™ to the market, MUTOH will be addressing the diverse needs and challenges for customers to develop new business areas.

VerteLith™ is going to be integrated with the MUTOH’s various printing technologies to offer even more new services, optimal proposals, and maximum value.

<Supported models>

Printer: XPJ-461UF, XPJ-661UF
VJ-1638UH, VJ-1638UR
Cutter: ValueCut II VC2-600, VC2-1300, VC2-1800
ValueCut VC-600, VC-1300, VC-1800

<Scheduled to be supported models>

XPJ-1641SR, XPJ-1682SR
VJ-628, VJ-1324X, VJ-1638X, VJ-1938X, VJ-2638X
VJ-426UF, VJ-626UF, VJ-628MP, VJ-1627MH

<Supported data>

PDF1.7/2.0, PostScript, EPS, TIFF, JPEG

<Operating environment>

| | |
|---------------------------|---|
| OS | Windows 10 [64bit] Windows 8.1 [64bit] |
| CPU | Intel® Core™ i5 3GHz or better |
| Memory | 8GB or more |
| Hard Disk | HDD or SSD/ SSD is recommended when output to multiple machines 10GB or more*1 |
| Interface | USB 2.0*2 Ethernet*3 |
| Display resolution | 1920x1080 pixel or higher*4 |

*1 When using the archive function, secure sufficient capacity.

*2 Recommended when using a USB-connected cutter and a spectrophotometer.

*3 It is recommended to have a network port that supports Gigabit Ethernet, which is required when connecting to a printer equipped with Gigabit Ethernet.

*4 For soft proofing, a display with monitor calibration is recommended.

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