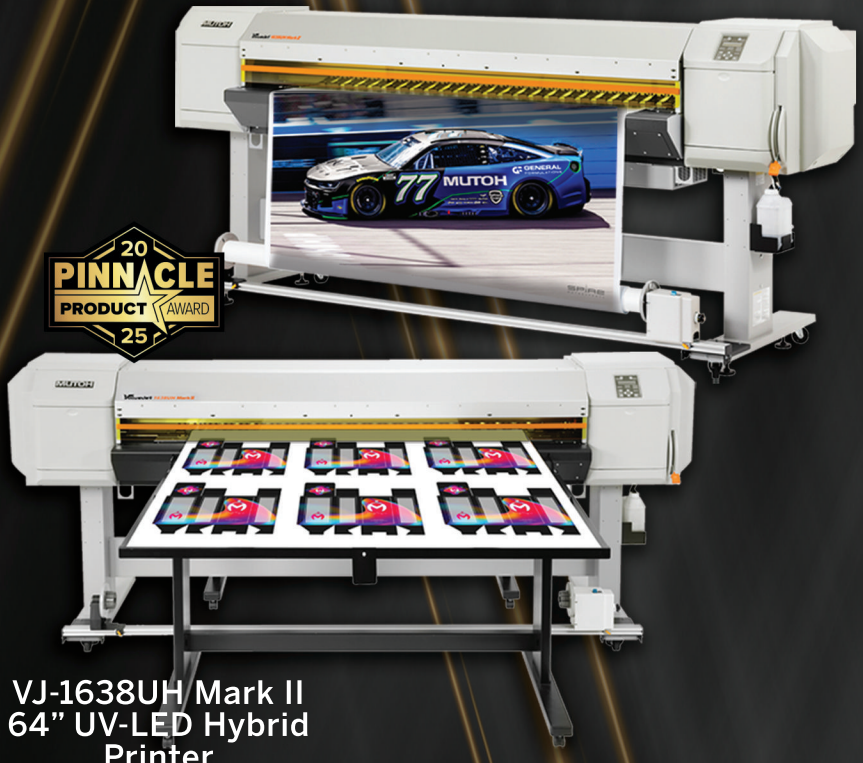
MUTOH

AWARD-WINNING PRINTERS

VJ-2836X
104” Eco Solvent
Printer



VJ-1638UH Mark II
64” UV-LED Hybrid
Printer

XPJ-661UF
19”x23” UV-LED
Printer

SERVING
THE PRINTING INDUSTRY
SINCE 1952

Starting in 1952 Yoshiro MUTOH founder of the MUTOH Scale Engraving Research Center in Mishuku, Setagaya was a company that manufactured measuring equipment. Measuring equipment such as disk-type slide rules for aerial navigation, calipers, and rotary protractors were produced and these products reflected the high technical capabilities required to engrave scales accurately and marked the beginning of the company's spirit of supporting monozukuri (the act of making things).

In March 1952, MUTOH Memori Chokoku (MUTOH Scale Engraving) LTD was established. With this came new products such as the Drafter and the Pen Plotter that printed product drawings. Over the years, MUTOH has continued to uphold the same spirit by supporting the many people involved in various aspects of monozukuri, especially when it comes to our Large Format Printers (LFP) products.

MUTOH's President, Yasuhiko Isobe stated "understanding the customer's needs, providing security and trust, and the excitement of our future to reach new milestones and breakthroughs is our commitment to achieving our target of celebrating our 100th anniversary."

With the world headquarters in Japan, and its affiliates in the US, Europe, and Australia, MUTOH has become a leading manufacturer of wide and small–format printers and plotting cutters. MUTOH printers are known for their Smart Printing Technologies, print speeds, and unbeatable quality and have introduced some of the most innovative products to the print industry.

"Seventy years is quite a milestone for MUTOH" says Brian Phipps, President of MUTOH America "It says a lot when a company can grow and adapt over the many decades and remain a leader in the markets they serve. I'm very proud to be part of this organization and to celebrate this giant achievement with MUTOH. "

MUTOH AMERICA LOCATIONS

MUTOH Western Regional Learning Facility

2291 W 205th Street Suite 105
Torrance, CA 90501
Phone: (310) 783-0281

MUTOH Corporate Offices

4405 E Baseline Rd #120
Phoenix, Arizona USA 85042
Phone: (480) 968-7772

MUTOH

AWARD WINNING TECHNOLOGY

ECO SOLVENT

UV-LED/MP

DYE SUBLIMATION

Find a Dealer: Click Here

MUTOH
ECO-SOLVENT PRINTER

Powered by VerteLith

MS31 Eco-Solvent Inks

CMYKx2/CYMK LC LM

GREENGUARD GOLD

VJ-628

BUILT FOR PROFESSIONALS

The **ValueJet 628 24"** Eco-Solvent Printer from MUTOH is the perfect size and price to fit easily into any size print shop. It is powered by MUTOH's new genuine **VerteLith™ RIP Software**, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value. VerteLith RIP optimizes all of the capabilities the VJ-628 has to offer and produces the best-possible gradients, skin tones and vivid colors. The VJ-628 features an automatic sheet-off function and CMYKx2 or CMYK Lc Lm ink set. These features are designed to increase user-friendly operation and maintenance while continuing to offer high production, high-quality output. The VJ-628 is paired with MUTOH's MS31 Eco-Solvent ink, which offers users a larger color gamut, outstanding durability, and improved dot gain at speeds up to 433 sqft/hr.

DECALS SIGNAGE HEAT TRANSFER POSTERS

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MUTOH

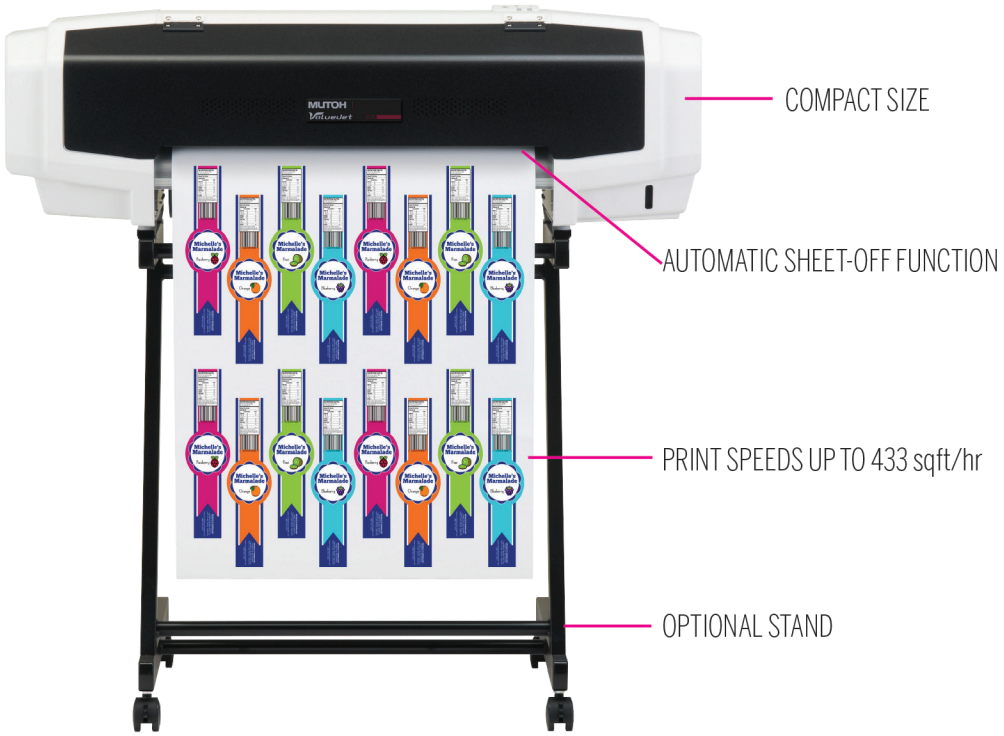
ValueJet 628

POWERED BY VERTELITH™ RIP SOFTWARE

MUTOH'S GENUINE RIP SOFTWARE BUNDLED WITH FLEXIDESIGNER MUTOH EDITION 21

ECO SOLVENT

- NEW VERTELITH RIP SOFTWARE
- INTELLIGENT INTERWEAVE TECHNOLOGY
- MS31 ECO-SOLVENT INK SET
- AUTOMATIC SHEET-OFF FUNCTION



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MUTOH's genuine VerteLith RIP software bundled with FlexiDESIGNER MUTOH Edition 21 optimizes the ValueJet 628 through these key features:

- Auto-population of named Pantone coated/uncoated spot colors.
- MUTOH Clear Tone half tone technology.
- MUTOH CMYK, featuring a wide color gamut ICC input profile, optimizes performance to enable output of more vivid colors.
- Automated layout processing and printing.
- Soft proof simulates printed colors accurately before media is output.
- "What-you-see-is-what-you-get" RIP preview.
- Tab customization.
- Color management function.
- Finishing bleed processing function.
- Printing log function.

VJ-628 printer features include:

- Intelligent Interweave i² print technology reduces banding by arranging printed dots in a way that takes into account how they look, creating smoother print images.
- MUTOH Status Monitor checks the printer's operation status in real time.
- Automatic sheet-off function.

VALUEJET 628 SPECIFICATIONS

Printing systems	Drop-on-demand Micro Piezo Inkjet Technology
Print head height	Low 1.2mm, High 2.5mm
Print head	1
Max print resolution	1440dpi
Print modes	1440/1080/720/540/360dpi 12+ modes
Media width	24.8"
Media capacity	ø 5.9" dia / 2" & 3" cores / Roll media 66lbs or less
Max media thickness	Low 0.3mm, High 1.3mm
Max printable width	24.4 in
Height adjustment	Manual
RIP software	VerteLith™, bundled with FlexiDESIGNER MUTOH Edition 21

Ink	Type	MS31 Ink Eco-Solvent
	Ink Set	CMYK x2 or CMYK Lc Lm
	Volume	220 ml/1L bags with optional adapter
	No. of slots	8

Interface	Gigabit-Ethernet (1000BASE-T)
Power Requirements	AC 110-120V± 10%, 50/60Hz ± 1Hz
Printable Environment	Temperature: 68-89.6°F | Humidity: 40-60%RH (non condensing) Rec. environment: Temperature: 71.6-86°F
Power Consumption	Main: Operation status 77W or less | Standby: 52W or less
Dimensions (WxDxH)	Printer including stand: 47"x23"x46" cover closed
Weight	Body: 70lbs | Stand: 19lbs

MUTOH

XpertJet C641SR Pro

MS31
Eco-Solvent
Inks

CMYK

GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD

24" ECO-SOLVENT **PRINTER/CUTTER COMBO**

BEST IN CLASS.

The ALL NEW **MUTOH XpertJet C641SR Pro** 24" Eco-Solvent Desktop Printer/Cutter Combo is perfect for a wide range of applications such as stickers, t-shirt transfers, vehicle decals, posters, banners and more. Print and cut a 24-inch roll of media while operating at speeds up to twice as fast as its closest competitors.

In addition to the built-in contour cut and perforated through-cutting capability, the XPJ-C641SR Pro also contains all of the functions and features of the full-size XpertJet Pro Series printers including the ultra-fast MUTOH AccuFine printhead, Dropmaster2 and FeedMaster automatic alignments, i-screen Intelligent Interweave technology, and Mediatracker.

The All-In-One Desktop XpertJet C641SR Pro benefits from MUTOH's renowned reliability and Made in Japan quality, making it the perfect choice for anyone looking to get into the print game.

The XPJ-C641SR Pro is powered by MUTOH's VerteLith™ Genuine RIP Software, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value.

STICKERS

APPAREL

DECALS

POSTERS

www.mutoh.com

MUTOH

NEW PRINT & CUT CAPABILITY.

EASY TO SET UP, SIMPLE TO USE.

BUILT-IN CUTTER WITH SPEEDS UP TO 150MM/S.

XPERTJET PRO SERIES FEATURES.

POWERED BY VERTELITH™ RIP SOFTWARE.

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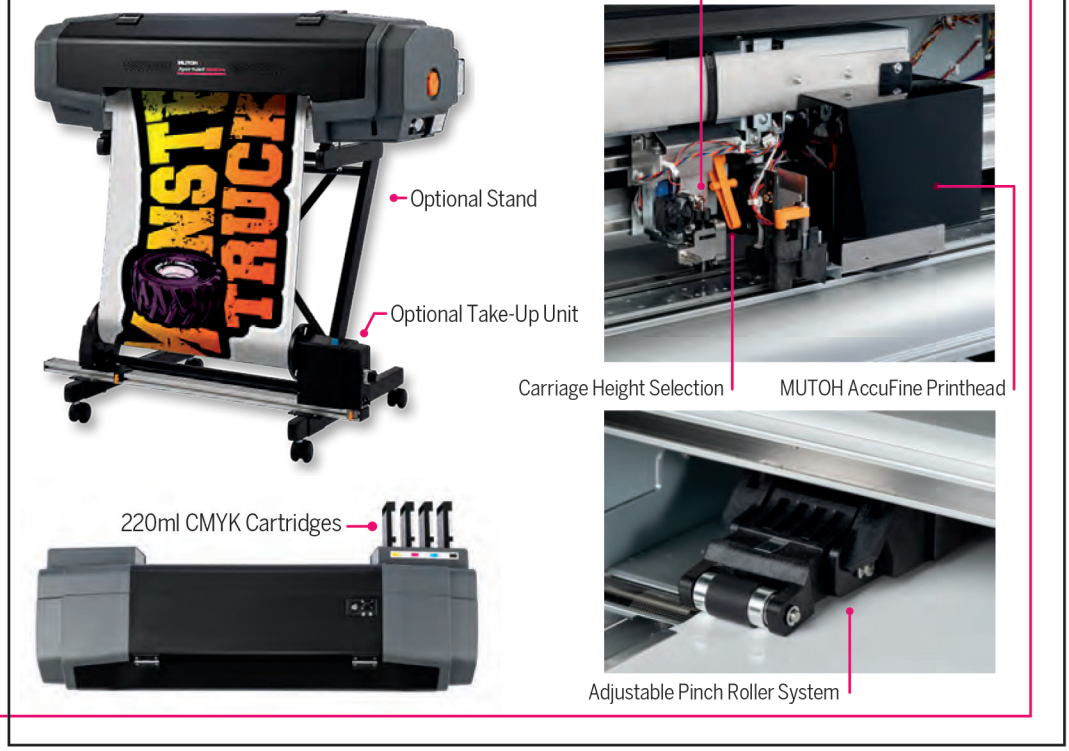
XpertJet C641SR Pro

ECO SOLVENT

POWERED BY VerteLith + SAi Flexi®

MUTOH'S GENUINE RIP SOFTWARE BUNDLED WITH FLEXIDESIGNER MUTOH EDITION 21



XPJ-C641SR Pro Printer/Cutter combo features include:

- MUTOH AccuFine printhead, providing outstanding speed and unrivaled quality even at lower resolutions.
- Dropmaster2 and FeedMaster automatic alignment systems for achieving high caliber, repeatable prints.
- i-screen Intelligent Interweave technology to prevent banding while printing.
- MediaTracker, barcode printing and scanning to track remaining media.
- 24-inch roll capacity for enhanced production output.
- Built-in contour and perforated through-cut capability with speeds up to 150mm/s.
- Optional stand and take-up unit for higher production needs.

VerteLith with FlexiDESIGNER software enhances the XPJ-C641SR Pro:

- Seamless setup of print & cut environments, with a continuous cut feature for true one-step job submission.
- Easily design cut lines using FlexiDESIGNER and send jobs directly to VerteLith.
- Soft Proof the printed image colors on screen before submitting to print.

XPERTJET C641SR PRO SPECIFICATIONS

Printing systems	Drop-on-demand Micro Piezo Inkjet Technology
Print head height	Two level adjustment: Low 1.2mm, High 2.5mm
Print heads	1
Max print resolution	1200x1200dpi
Max print speed	105 sqft/hr
Media width	24.8 inches
Media capacity	ø 5.9" dia / 2" & 3" cores /Roll media 19.8lbs or less
Max media thickness	Low 0.3mm, High 0.8mm
Max printable width	23.6 inches
Cutting Speed	20 - 150mm/s @ 30 - 300 gf
RIP software	VerteLith™ Genuine RIP Software

Ink	Type	MUTOH MS31 Eco-Solvent
	Ink Set	CMYK
	Volume	220ml cartridge
	No. of slots	4

Interface	Gigabit-Ethernet (10BASE-T/ 100BASE-TX)
Power Requirements	AC 110-120V± 10%, 50/60Hz ± 1Hz
Printable Environment	Temperature: 68-89.6°F | Humidity: 40-60%RH (non condensing) Rec. environment: Temperature: 71.6-86°F
Power Consumption	Main: Operation status 830W or less
Dimensions (WxDxH)	Printer including stand: 46.8"x17.2"x14.4" cover closed
Weight	Body: 75lbs | Stand: 19lbs

MUTOH
ECO-SOLVENT PRINTER

XpertJet

Powered by VerteLith

MS31 Eco-Solvent Inks

CMYK

GREENGUARD GOLD

1341SR Pro

BUILT FOR PROFESSIONALS

The **MUTOH XpertJet 1341SR Pro** 54" Eco-Solvent printer, with it's small footprint and high-quality output, is ideally-suited for the production of vibrant graphics and signage. It is powered by MUTOH's new genuine **VerteLith™ RIP Software**, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value. VerteLith RIP optimizes all of the capabilities the XPJ-1341SR Pro has to offer and produces the best-possible gradients, skin tones and vivid colors. This printer features MUTOH's new **AccuFine Print Head**, which achieves best-in-class dot placement accuracy and an increased nozzle row length for higher productivity. Also included with the XPJ-1341SR Pro is i-screen optimizing technology, which reduces banding to create smoother-looking images. Automated processes like Nozzle Area Select, Feed Master, DropMaster2 and Media Tracker make this printer an excellent choice when looking for an entry-level, roll-to-roll machine that balances performance and cost.

SIGNAGE BANNERS WINDOW VINYL DECALS

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MUTOH

XpertJet 1341SR Pro

ECO SOLVENT

- NEW VERTELITH RIP SOFTWARE
- ACCUFINE PRINT HEAD
- AUTOMATIC ALIGNMENTS
- MEDIA TRACKER
- I-SCREEN OPTIMIZING

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POWERED BY VERTELITH™ RIP SOFTWARE

VerteLith

MUTOH'S GENUINE RIP SOFTWARE BUNDLED WITH FLEXIDESIGNER MUTOH EDITION 21

AccuFine MUTOH Print Heads

i-screen

DropMaster 2

Nozzle Area Select

Feed Master

Media Tracker

Multi-stage pressure rollers

Media Tracker

Accufine print head

Optional Edge Holder

MUTOH's genuine VerteLith RIP software bundled with FlexiDESIGNER MUTOH Edition 21 optimizes the XPJ-1341SR Pro through these key features:

- Auto-population of named Pantone coated/uncoated spot colors.
- MUTOH Clear Tone half tone technology.
- MUTOH CMYK wide color gamut ICC profile.
- Automated layout processing and printing.
- Soft proof.
- "What-you-see-is-what-you-get" RIP preview.
- FlexiDESIGNER MUTOH Edition 21.
- Tab customization.
- Color management function.
- Finishing bleed processing function.
- Printing log function.

XPJ-1341SR Pro printer features include:

- New extra-long piezo Accufine print head increases productivity and improves the accuracy of dot placement by 20% over the previous print head.
- i-screen technology reduces banding.
- DropMaster2 automatically calibrates bi-directional alignments, saving time and reducing adjustment variations.
- Nozzle Area Select uses blocks of active nozzles to temporarily print if clogged nozzles fail to recover.
- Feed Master sensor allows for automatic feed adjustments.
- Media Tracker prints a barcode prior to removing media and when media is loaded again, recognizes the amount remaining.

XPERTJET 1341SR PRO SPECIFICATIONS

Printing systems	Drop-on-demand Micro Piezo Inkjet Technology
Print head height	Three level adjustment: Low 1.5mm, Mid. 2.0mm, High 2.5mm
Accufine print head	1
Max print resolution	1200x1200dpi
Print modes	1200/900/600/300dpi
Media width	54"
Media capacity	ø 5.9" dia / 2" & 3" cores /Roll media 66lbs or less
Max media thickness	Low 0.3mm, Mid. 0.8mm, High 1.3mm
Max printable width	53.5 in
Height adjustment	Manual
RIP software	VerteLith™, bundled with FlexiDESIGNER MUTOH Edition 21

Ink	Type	MS31 Ink Eco-Solvent
	Ink Set	4 colors (C, M, Y, K)
	Volume	220 ml/1000ml
	No. of slots	4

Interface	Gigabit-Ethernet (1000BASE-T)
Power Requirements	AC 100-120V± 10%, 50/60Hz ± 1Hz
Printable Environment	Temperature: 68-89.6°F | Humidity: 40-60%RH (non condensing) Rec. environment: Temperature: 71.6-86°F
Power Consumption	Main: Operation status 77W or less | Standby: 52W or less
Dimensions (WxDxH)	Printer including stand: 75.4"x26.9"x47.9" cover closed
Weight	Body: 145lbs | Stand: 44lbs

MUTOH
ECO-SOLVENT PRINTER

XpertJet

Powered by VerteLith

AccuFine MUTOH Print Heads

MS41 Eco-Solvent Inks

CMYK

GREENGUARD GOLD

1641SR Pro

BUILT FOR PROFESSIONALS

The **MUTOH XpertJet 1641SR Pro** 64" Eco-Solvent single head, 4-color (CMYK) printer, builds upon MUTOH's made in Japan reputation and delivers superior print quality and outstanding speeds at an affordable price. It is powered by MUTOH's new genuine **VerteLith™ RIP Software**, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value. VerteLith RIP optimizes all of the capabilities the XPJ-1641SR Pro has to offer and produces the best-possible gradients, skin tones and vivid colors. This printer features MUTOH's new **AccuFine Print Head**, which achieves best-in-class dot placement accuracy and an increased nozzle row length for 35% faster print speeds. The XPJ-1641SR Pro is paired with MUTOH's GREENGUARD Gold certified MS41 Eco-Solvent ink, suitable for use in sensitive environments such as hospitals, child care facilities and more, all while providing users a larger color gamut, outstanding durability, and improved dot gain.

WRAPS

SIGNAGE

WINDOW VINYL

DECALS

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MUTOH

XpertJet 1641SR Pro

ECO SOLVENT

- NEW VERTELITH RIP SOFTWARE
- NEW MUTOH ACCUFINE PRINT HEAD
- I-SCREEN OPTIMIZING
- AUTOMATIC ALIGNMENTS
- INTERNAL LED LIGHTING

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POWERED BY VERTELITH ™ RIP SOFTWARE

MUTOH'S GENUINE RIP SOFTWARE BUNDLED WITH FLEXIDESIGNER MUTOH EDITION 21

Internal LED Lighting

AccuFine print head

Multi-stage pressure mechanism

Media Flange for improved handling

MUTOH's genuine VerteLith RIP software bundled with FlexiDESIGNER MUTOH Edition 21 optimizes the XPJ-1641SR Pro through these key features:

- Auto-population of named Pantone coated/uncoated spot colors.
- MUTOH Clear Tone half tone technology.
- MUTOH CMYK wide color gamut ICC profile.
- Automated layout processing and printing.
- Soft proof.
- "What-you-see-is-what-you-get" RIP preview.
- FlexiDESIGNER MUTOH Edition 21.
- Tab customization.
- Color management function.
- Finishing bleed processing function.
- Printing log function.

XPJ-1641SR Pro printer features include:

- New extra-long piezo Accufine print head increases productivity and improves the accuracy of dot placement by 20% over the previous print head.
- i-screen technology reduces banding.
- DropMaster2 automatically calibrates bi-directional alignments, saving time and reducing adjustment variations.
- Nozzle Area Select uses blocks of active nozzles to temporarily print if clogged nozzles fail to recover.
- Feed Master sensor allows for automatic feed adjustments.
- Media Tracker prints a barcode prior to removing media and when media is loaded again, recognizes the amount remaining.

XPERTJET 1641SR Pro SPECIFICATIONS

Printing systems	Drop-on-demand Micro Piezo Inkjet Technology
Print head height	Four-level adjustment: 1.5mm, 2.0mm, 2.5mm, 4.0mm
Print head	1
Max print resolution	1200x1200 dpi
Print modes	1200/900/600/300 dpi
Media width	64"
Media capacity	ø 5.9" dia / 2" & 3" cores /Roll media 66lbs or less
Max media thickness	Low1 0.3mm, Low2 0.8mm, Mid. 1.3mm, High 2.8mm
Max printable width	64 in
Height adjustment	Automatic
RIP software	VerteLith™, bundled with FlexiDESIGNER MUTOH Edition 21

Ink	Type	MS41 Eco-Solvent ink
	Ink Set	4 colors (C M Y K)
	Volume	1000ml Bags
	No. of slots	4

Interface	Gigabit-Ethernet (1000BASE-T)
Power Requirements	AC 100-120V± 10%, 50/60Hz ± 1Hz
Printable Environment	Temperature: 68-89.6°F | Humidity: 40-60%RH (non condensing) Rec. environment: Temperature: 71.6-86°F
Power Consumption	Main: Operation status 77W or less | Standby: 52W or less
Dimensions (WxDxH)	Printer including stand: 108.26"x35.23"x56.22" cover closed
Weight	Body: 313lb | Stand: 70.54lb

09.2022

MUTOH
ECO-SOLVENT PRINTER

Powered By VerteLith
GENUINE RIP SOFTWARE

AccuFine

XpertJet

MS41 Eco-Solvent Inks
CMYKx2 | CMYKLcLmLLKOr

GREENGUARD GOLD

1682SR Pro

BUILT FOR PROFESSIONALS

The **MUTOH XpertJet 1682SR Pro** 64-inch Eco-Solvent Printer is equipped with staggered dual AccuFine HD printheads that provide ultra-fast print speeds. It's capable of producing smooth gradations while delivering high-quality printing, even with reduced resolutions, thanks to the optional 8-color (CMYKLcLmLkOr) ink configuration.

Built for Professionals, the **XPJ-1682SR Pro** is packed with features such as *Dropmaster 2* (automatic bi-directional alignments), *Feed Master* (automatic PF adjustment), *Automatic Nozzle Checking Unit* option with *Nozzle Area Select* (continuous printing), *i-screen* print effects (banding mitigation), and *Media Tracker* (roll remainder tracking), among other cutting-edge improvements brought on by the original XpertJet line.

The **XPJ-1682SR Pro** includes *VerteLith Genuine RIP Software*, bundled with *FlexiDESIGNER MUTOH Edition 21* for the ultimate balance of speed and quality.

WRAPS

SIGNAGE

WALL COVERINGS

BANNERS

MUTOH

XpertJet 1682SR Pro

ECO SOLVENT

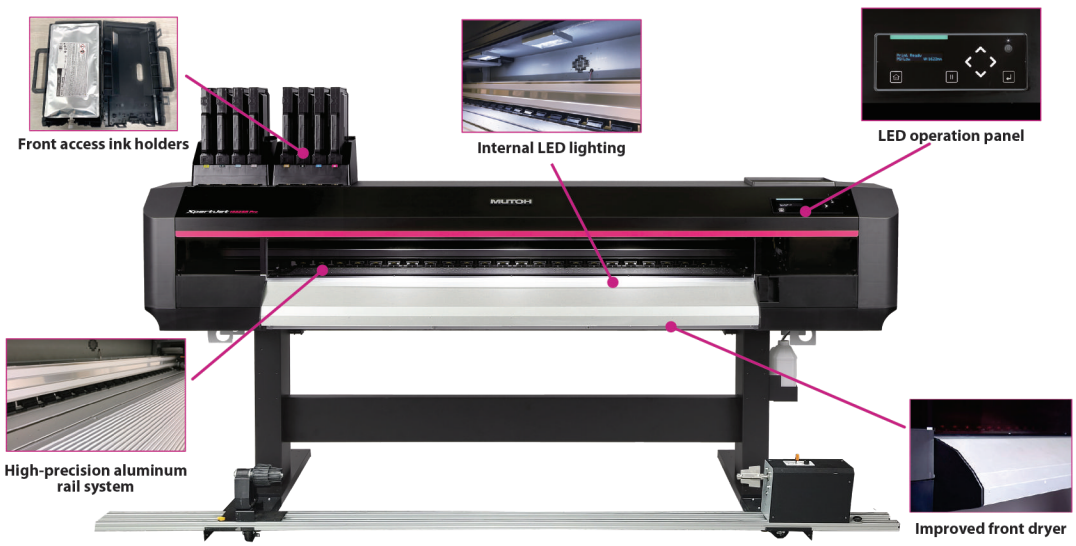
NEW ACCUFINE HD PRINTHEAD

IMPROVED DRYER SYSTEM

VerteLith
GENUINE RIP SOFTWARE

AUTOMATIC ALIGNMENTS

INTERNAL LED LIGHTING



- **High-precision aluminum rail system** for high quality and stable printing.
- **Ease-of-use** with front access ink holders, side mounted LAN and power plugs, and LED operation panel.
- **New AccuFine printheads** provide faster speeds with exceptional quality.
- **Built-in sensors** for operator-driven automatic bi-directional and page feed alignments.
- **Improved front dryer system** for *20% faster ink dry times.*
- **Updated media flanges** and **media feeding mechanism** allow for easy loading and page feed.
- **Internal LED lighting** for unobstructed print viewing and maintenance access.
- **Includes the MUTOH Status Monitor (MSM)** companion software for convenience and efficiency.

AccuFine · i-screen · DropMaster 2 · FeedMaster · Media Tracker · Nozzle Area Select

XPERTJET 1682SR PRO SPECIFICATIONS

Printing method	Drop-on-demand Micro Piezo Inkjet Technology
Print head height	Four-level adjustment: 1.5mm, 2.0mm, 2.5mm, 4.0mm
Print head	2 (staggered)
Max print resolution	1200x1200 dpi
Print modes	1200x1200 DPI (1200/900/600/300 DPI print modes)
Media width	64"
Media capacity	ø 5.9" dia / 2" & 3" cores /Roll media 66lbs or less
Max media thickness	Low1 0.3mm, Low2 0.8mm, Mid. 1.3mm, High 2.8mm
Max printable width	64 in
Take-up system	VJ16/19-TUP40 take-up included (options available)
Max print speed	1225 sqft/hr (300x600 DPI)
RIP software	VerteLith™, bundled with FlexiDESIGNER MUTOH Edition 21

Ink	Type	MS41 Eco-Solvent ink
	Ink Set	4 color (CMYK) | 8 color (CMYKLcLmLkOr)
	Volume	1L ink bags (300mL bag for Or)
	No. of slots	8

Interface	Gigabit-Ethernet (1000BASE-T)
Power Requirements	AC 100-120V± 10%, 50/60Hz ± 1Hz
Printable Environment	Temperature: 68-89.6°F | Humidity: 40-60%RH (non condensing) Rec. environment: Temperature: 71.6-86°F
Power Consumption	Main: Operation status 1100W or less | Standby: 30W or less
Dimensions (WxDxH)	Printer including stand: 108.26"x35.23"x56.22" cover closed
Weight	Body: 313lb | Stand: 70.54lb

04.02.2024

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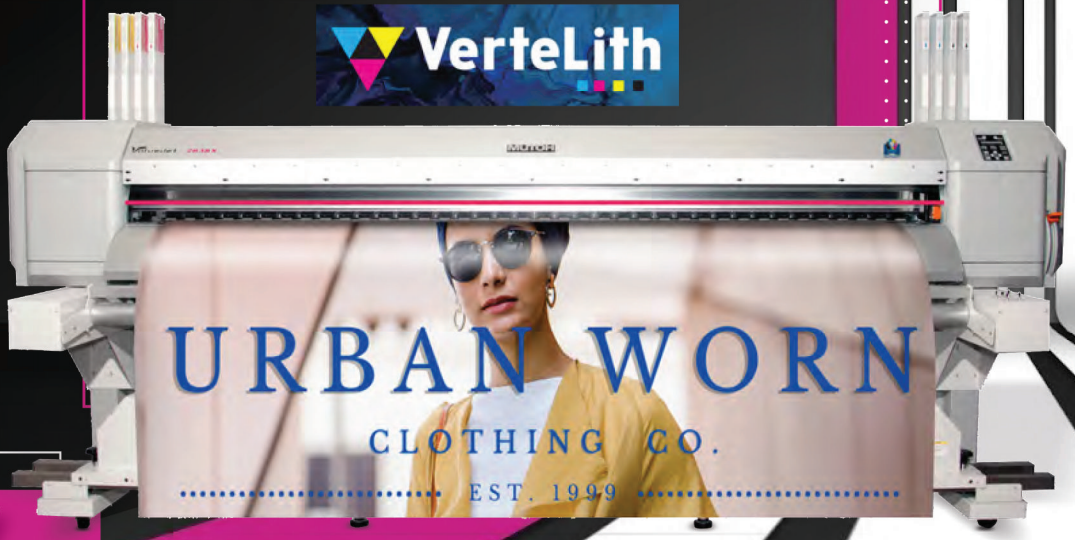
MUTOH
ECO-SOLVENT PRINTER

Powered by VerteLith

MS31
Eco-Solvent
Inks

GREENGUARD GOLD

CMYKx2
CMYK LcLmLk



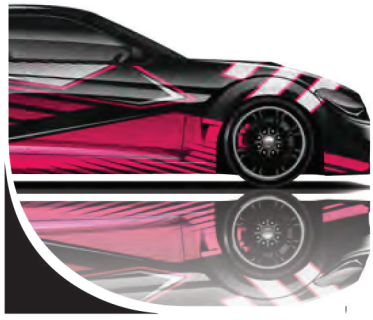
2638X

BUILT FOR PROFESSIONALS

The **MUTOH ValueJet 2638X 104**" Eco-Solvent CMYKx2/CMYK LcLmLk printer, builds upon MUTOH's made in Japan reputation and delivers superior print quality and outstanding speeds at an affordable price. It is powered by MUTOH's new genuine **VerteLith™ RIP Software**, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value. VerteLith RIP optimizes all of the capabilities the VJ-2638X has to offer and produces the best-possible gradients, skin tones and vivid colors. This super-wide printer produces billboards, banners, vehicle wraps and signage with ease using technologies such as Variable Dot, i² Intelligent Interweave and DropMaster. The VJ-2638X is paired with MUTOH's GREENGUARD Gold certified MS31 Eco-Solvent ink, suitable for use in sensitive environments like hospitals, child care facilities and more, all while providing users a larger color gamut, outstanding durability, and improved dot gain.

BILLBOARDS

BANNERS



WRAPS

SIGNAGE

MUTOH

ValueJet 2638X

ECO SOLVENT

- NEW VERTELITH RIP SOFTWARE
- MULTI-STAGE HEATER SYSTEM
- USER FRIENDLY CONTROL PANEL
- i² INTELLIGENT INTERWEAVE
- DROPMASTER INK PLACEMENT TECHNOLOGY

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POWERED BY VERTELITH™ RIP SOFTWARE

MUTOH'S GENUINE RIP SOFTWARE BUNDLED WITH FLEXIDESIGNER MUTOH EDITION 21

Print with 220ml/440ml cartridges or 1L ink bags with optional adapters

Media sheet-off function advances media and cuts it at the end of printing

DropMaster ink placement technology

Included 220lb Heavy Duty motorized feed and take-up unit

MUTOH's genuine VerteLith RIP software bundled with FlexiDESIGNER MUTOH Edition 21 optimizes the VJ-2638X through these key features:

- Auto-population of named Pantone coated/uncoated spot colors.
- Soft proof simulates the color of the printed image on screen before printing.
- MUTOH Clear Tone half tone technology.
- MUTOH CMYK wide color gamut ICC profile.
- Automated layout processing and printing.
- "What-you-see-is-what-you-get" RIP preview.
- Tab customization.
- Color management function.
- Printing log function.

VJ-2638X printer features include:

- Staggered dual print heads.
- i² Intelligent Interweave technology reduces banding.
- DropMaster ink dot placement technology.
- MUTOH Status Monitor (MSM) checks printer status in real time.
- Multi-stage heater system for faster drying time.
- Heavy Duty 220lb motorized feed and take-up unit.

VALUEJET 2638X SPECIFICATIONS

Printing systems	Drop-on-demand Micro Piezo Inkjet Technology
Print head height	Three level adjustment: Low 1.5mm, Mid. 2.5mm, High 4.0mm
Print heads	2
Max print resolution	1440x1440dpi
Print modes	1440/1080/720/540/360dpi | 29 modes
Media width	104 inches
Media capacity	ø 5.9" dia / 2" & 3" cores /Roll media 220lbs or less
Max media thickness	Low 0.3mm, Mid. 1.3mm, High 2.8mm
Max printable width	104 inches
Height adjustment	Manual
RIP software	VerteLith™, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value

Ink	Type	MS31 Ink Eco-Solvent
	Ink Set	CMYKx2, CYMK LcLmLk
	Volume	220ml/440ml cartridges/ 1L bags with optional adapters
	No. of slots	8

Interface	Gigabit-Ethernet (1000BASE-T)
Power Requirements	AC 110-120V± 10%, 50/60Hz ± 1Hz
Printable Environment	Temperature: 68-89.6°F | Humidity: 40-60%RH (non condensing) Rec. environment: Temperature: 71.6-86°F
Power Consumption	Main: Operation status 77W or less | Standby: 52W or less
Dimensions (WxDxH)	Printer including stand: 146"x34.9"x49.65" cover closed
Weight	Body: 534lbs | Stand: 91lbs

Rev. 12-22-2021

MUTOH

FLATBED UV-LED PRINTER

XpertJet

461 UF

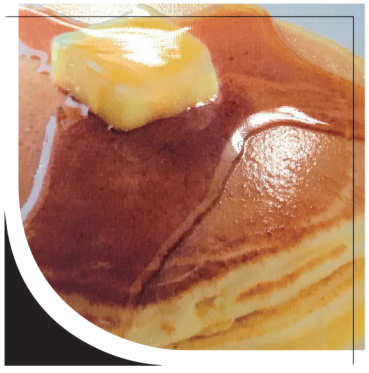
VerteLith

Powered by MUTOH's genuine VerteLith RIP Software
bundled with FlexiDESIGNER MUTOH Edition 21
a $2,199.00 value

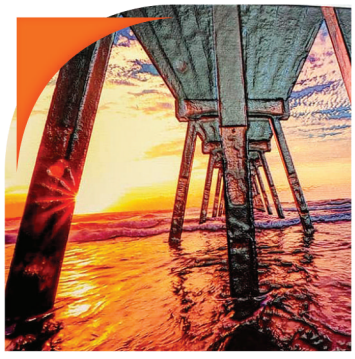
LDC

UV LED LOCAL DIMMING CONTROL

The XpertJet 461UF, compact UV-LED flatbed printer offers many features including a larger printable surface area, a larger window for safe viewing, an updated touchscreen panel, an improved LED lamp, optional vacuum table providing the ability for increased printing depth and more. The XPJ-461UF is powered by MUTOH's new genuine VerteLith™ RIP software, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value. VerteLith RIP optimizes all of the capabilities of the XPJ-461UF, increasing productivity and profitability. The XPJ-461UF allows for finer texture layers which instantly adds value to any print. Tie that in with MUTOH's Local Dimming Control Technology, you now have the ability to add high glossy finishes easily in one pass.



GLOSS & MATTE VARNISH



RICH TEXTURES

VARIABLE PRINTING

BRAILLE

MUTOH

LDC
UV LED LOCAL DIMMING CONTROL

- UV-LED Lamp Local Dimming Control Technology
- Upgraded LED Touch Panel
- Optional Vacuum Table
- Removable Table
- Expanded Opening Space

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Powered by VerteLith™

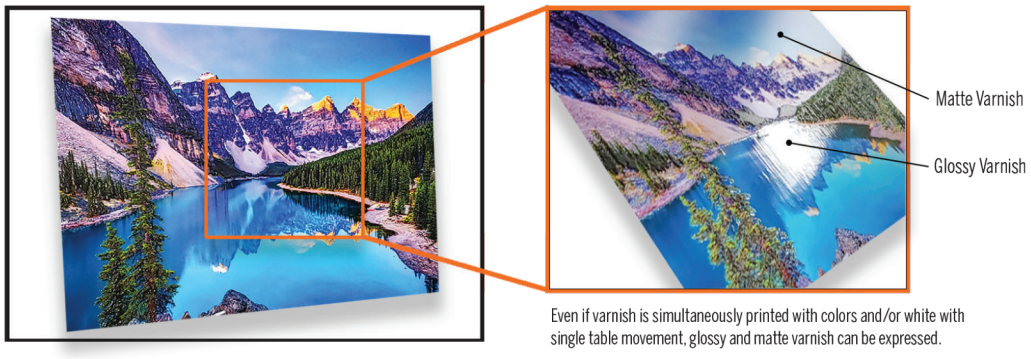
MUTOH'S GENUINE RIP SOFTWARE BUNDLED WITH FLEXIDESIGNER MUTOH EDITION 21

VerteLith

Mutoh's Unique UV-LED Lamp Local Dimming Control Technology

The LED-UV lamp Local Dimming Control technology produces various rich texture expression. It provides glossy, semi-glossy, and matte varnish printing simultaneously with colors and/or white printing with a single table movement.
LDC shortens print time, improves productivity, reduces grain, banding and layer printing misalignment.

UV-LED Lamp Local Dimming Control Technology



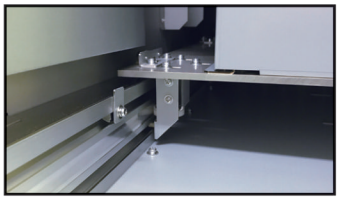
Even if varnish is simultaneously printed with colors and/or white with single table movement, glossy and matte varnish can be expressed.

Newly Designed Mechanism Ensures Excellent User Experience

TABLE MECHANISM FOR USER FRIENDLINESS

Print onto objects up to 2.76" thick. Table removal allows printing onto objects up to 5.91" thick. Optional vacuum table available.

PRECISE RAIL MECHANISM



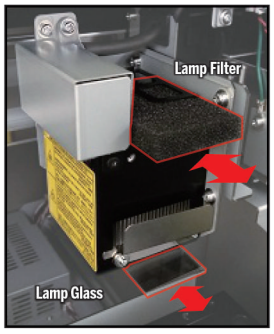
High precision rails on both sides keep the table horizontal and provide consistent print quality.

LED Touch Panel
LED touch panel provides high quality display and improves panel operation.

Print Resume Function
Ability to pause and resume print function.

Partial Nozzle Block Activation
Printing can be performed temporarily using only active nozzle blocks if nozzles are clogged.

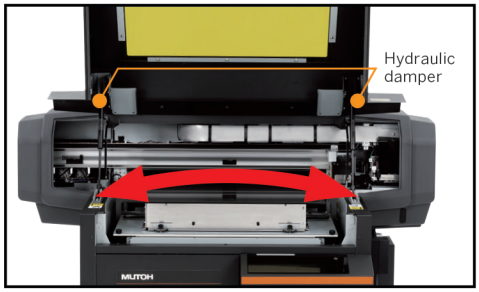
Improved Maintenance



Redesigned area around UV-LED Lamp makes for easier access for maintenance.

New removable/replaceable UV lamp filter makes for easier cleaning.

EXPANDED OPENING SPACE



Newly designed front cover with hydraulic damper ensures safety and improves ease of operation. Expanded opening space for ease of use and maintenance.

XPERTJET 461UF SPECIFICATIONS

Printing Systems		On-demand piezo drive system
Set Media	Size (WxD)	20.5 in x 14.9 in
	Height	up to 2.76 in (with standard table) | up to 5.9 in (w/o standard table)
		up to 2.76 in (with optional vacuum table)
	Weight	up to 11.02 lbs. (w/standard table) | up to 17.64 lbs. (w/o standard table)
		up to 8.82 lbs. (with optional vacuum table)
Max Printable Size (WxD)		19.02 in x 12.95 in
Height Adjustment		PG handle
Ink	Type	UV-LED Ink (UH21 ink / US 11 ink)
	Ink Set	4 colors (C, M, Y, K) | 6 colors (C, M, Y, K, White, Varnish)
	Capacity	220ml ink cartridge (CMYK, W, V), 800ml ink bag (CMYK, V) 500ml bag (W) *Bulk ink requires an additional adaptor.
	No. of slots	6
Vacuum Table		Optional

Print Resolution	1440 / 1080 / 720 dpi (Total 6 modes)
Interface	Ethernet (10BASE-T / 100 BASE-TX)
Power Requirements	AC 100-120V ± 10%, 50/60Hz ± 1Hz
Operation Noise	Standby: 51dB or less | Printing with standard table: 63dB or less
	Printing with optional vacuum table: 70dB or less
Printable Environment	Temperature: 68-89.6 °F | Humidity: 40-60%RH (non condensing)
Power Consumption	Sleep Mode: 20W or less | Ready to Print: 40W or less | Operation: 195W or less
Dimensions (WxDxH) | Weight	46.77 in x 38.27 in x 23.50 in (cover closed) | weight: 209.44 lbs.
	46.77 in x 38.27 in x 39.80 in (front cover opened)
	46.77x 40.35x 23.50 in (PG handle cover opened)
Printer Driver	Bundled
RIP Software	VerteLith™, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value

MUTOH

FLATBED UV-LED PRINTER

XpertJet 661 UF

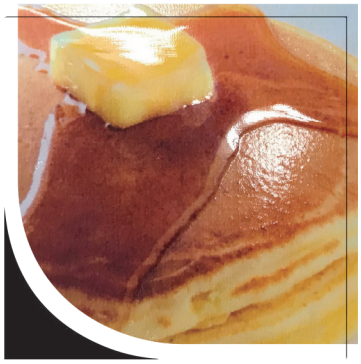
VerteLith

Powered by MUTOH's genuine VerteLith RIP Software
bundled with FlexiDESIGNER MUTOH Edition 21
a $2,199.00 value

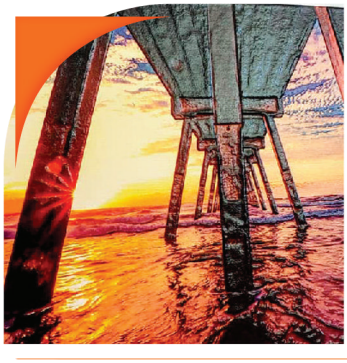
LDC
UV LED LOCAL DIMMING CONTROL

The XpertJet 661UF, UV-LED flatbed printer includes a larger printable surface area, updated touchscreen panel, improved LED lamp, and more. The XPJ-661UF is powered by MUTOH's new genuine VerteLith™ RIP software, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value. VerteLith RIP optimizes all of the capabilities of the XPJ-661UF, increasing productivity and profitability. The MUTOH XPJ-661UF allows for layered printing to create fine textured prints and Braille, all of which will instantly add value to any print. Tie that in with MUTOH's Local Dimming Control Technology, and you now have the ability to add glossy finishes easily in one pass.

The MUTOH XPJ-661UF also includes the StartRight™ Kit, an advanced training tool designed to quickly get the printer up and running. It includes project application guides, lessons, video instruction, sample output, blanks and, a sample JIG with inserts.



GLOSS & MATTE VARNISH



RICH TEXTURES

VARIABLE PRINTING

BRAILLE

MUTOH

LDC
UV LED LOCAL DIMMING CONTROL

- UV-LED lamp Local Dimming Control technology
- Automatic table height control
- Variable data printing
- Partial nozzle block activation

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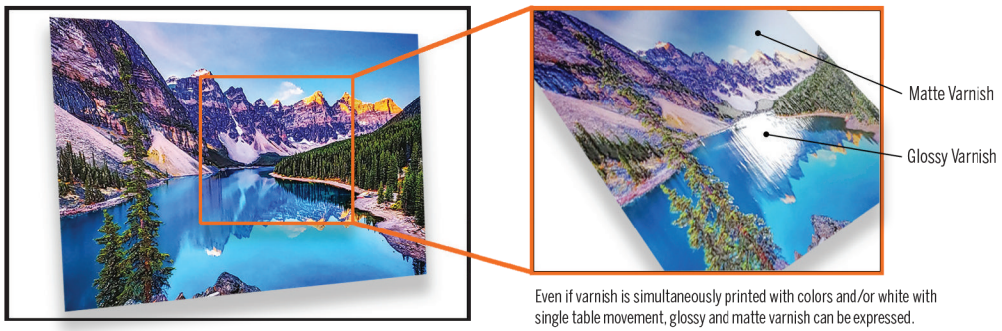
MUTOH'S GENUINE RIP SOFTWARE BUNDLED WITH FLEXIDESIGNER MUTOH EDITION 21

VerteLith

Mutoh's Unique UV-LED Lamp Local Dimming Control Technology

The LED-UV lamp Local Dimming Control technology produces various rich texture expressions. It provides glossy, semi-glossy, and matte varnish printing simultaneously with colors and/or white printing with a single table movement. LDC shortens print time, improves productivity, reduces grain, banding, and layer printing misalignment.

UV-LED Lamp Local Dimming Control Technology

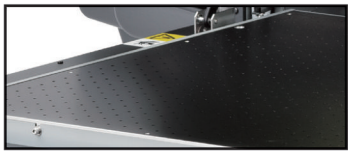


Even if varnish is simultaneously printed with colors and/or white with single table movement, glossy and matte varnish can be expressed.

Newly Designed Mechanism Ensures Excellent User Experience

TABLE MECHANISM FOR USER FRIENDLINESS

Automatic table height control from 0"-5.90.



Five vacuum power control settings.

OPTIONAL ITEM

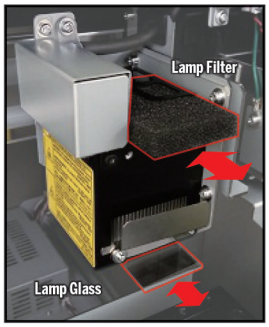
ROTARY UNIT
Enables printing on cylindrical objects.

LED Touch Panel
LED touch panel provides high quality display and improves panel operation.

Print Resume Function
Ability to pause and resume print function.

Partial Nozzle Block Activation
Printing can be performed temporarily using only active nozzle blocks if nozzles are clogged.

Improved Maintenance



Redesigned area around UV-LED Lamp makes for easier access for maintenance.

New removable/replaceable UV lamp filter makes for easier cleaning.

Enhanced Applications

VARIABLE DATA PRINTING
Allows data | text to be changed from one printed piece to the next without stopping the printing process. Example: Name Badges.

DENSITY TEST PATTERN
Varnish: Easily print matte and glossy varnish by selecting a certain density from the test patterns.

White: Reduced microstructure (mottling) by optimizing ink density.

XPERTJET 661UF SPECIFICATIONS

Printing Systems		On-demand piezo drive system
Set Media	Size (WxD)	20.5 in x 24.5 in
	Height	0-5.91 in
	Weight	13.23 lbs.
Max Printable Size (WxD)		19.02 in x 23.39 in
Height Adjustment		Automatic
Ink	Type	UV-LED Ink (UH21 ink / US 11 ink)
	Ink Set	4 colors (C, M, Y, K) | 6 colors (C, M, Y, K, White, Varnish)
	Capacity	220ml ink cartridge (CMYK, W, V), 800ml ink bag (CMYK, V) 500ml bag (W) *Bulk ink requires an additional adaptor.
	No. of slots	6
Stand		Included | Working Height: 48.11 in

Print Resolution	1440 / 1080 / 720 dpi (Total 6 modes)
Interface	Ethernet (10BASE-T / 100 BASE-TX)
Power Requiremnts	AC 100-120V ± 10%, 50/60Hz ± 1Hz
Operation Noise	Standby: 49dB or less | Printing with vacuum table: 69dB or less
Printable Environment	Temperature: 68-89.6°F | Humidity: 40-60%RH (non condensing)
Power Consumption	Sleep Mode: 20W or less | Ready to Print: 40W or less | Operation: 300W or less
Dimensions (WxDxH) | Weight	46.77 in x 64.06 in x 23.78 in (cover closed) | weight: 286.60 lbs.
	46.77 in x 64.06 in x 47.01 in (front cover opened)
Printer Driver	Bundled
RIP Software	VerteLith™, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value
Rotary Unit	Optional

02.14.23

MUTOH

XpertJet 1462UF

55” x 27” UV-LED Flatbed Printer

VerteLith

Powered by MUTOH’s Award-Winning Genuine VerteLith™ RIP Software, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value.

CMYK+White+Varnish

55” x 27”
Printable Size
Max. 55.9” x 27.5”

5.9”
Media Thickness
Max. 5.9”

LDC
UV LED LOCAL DIMMING CONTROL

The **MUTOH XpertJet 1462UF UV-LED flatbed printer** with a moving gantry features a large 55" x 27" printable surface area, two 4" UV-LED lamps, two piezo drop on demand dual print heads in a staggered configuration, and will print on objects up to 5.9" thick. Legally prints ADA compliant braille and 2.5D layered prints to create fine textured art to add value to any print job. Tie that in with MUTOH's Local Dimming Control Technology, and you now have the ability to add glossy finishes easily in one pass. With MUTOH's "Made in Japan Quality" and proprietary features such as the Automatic Nozzle Detection Unit and the Area Select function, the MUTOH XPJ-1462UF is the ideal printer for any print shop looking for reliability, high quality, and fast speeds. Powering the XpertJet 1462UF UV-LED flatbed printer is MUTOH's Award-Winning Genuine VerteLith™ RIP software, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value.

TEXTURE & GLOSS VARNISH

ADA BRAILLE SIGNAGE

VARIABLE DATA

SIGNAGE

MUTOH

LDC

UV LED LOCAL DIMMING CONTROL

- 55" x 27" Printable area with ability to print objects up to 5.9" thick
- Two 4" UV Lamps with Dual Staggered Print Heads
- Four Zone Vacuum Table
- Rigid chassis and table bed

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MUTOH'S XpertJet 1462UF UV-LED Printer Delivers Both Unparalleled Productivity And High Image Quality.

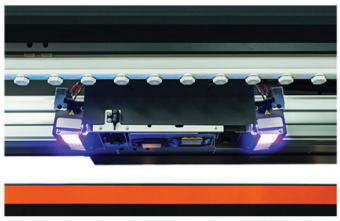
MUTOH'S GENUINE RIP SOFTWARE VERTELITH™

VerteLith

Powered by MUTOH's Award-Winning Genuine VerteLith™ RIP Software, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value.

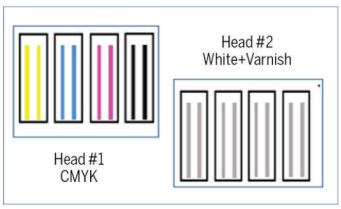
4" LED LAMPS

Newly developed 4" wide UV-LED lamps are mounted on both sides of the print heads and enable fast curing for bi-directional printing.



DUAL PRINT HEADS

Print head 1 prints CMYK. Print head 2 prints white & varnish which allows for faster printing of 2-layers, 2.5D texture and ADA compliant braille signage.



RIGID CHASSIS

The highly rigid, precision built chassis and rail mechanism ensure accurate dot placement for reliable high-quality printing.

UV-LED/MP

FULL RANGE OF OPERABILITY

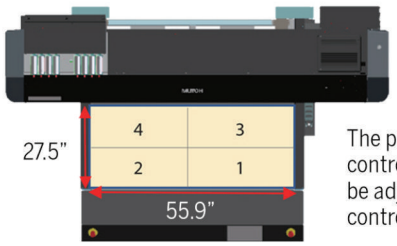
Vacuum holes and screw holes outside the markings can be used as screw holes to secure custom jigs.

Foot switch for remote on/off operation of the vacuum.

Signal tower light for checking printer status at a glance even from a distance.

PRINT A WIDE RANGE OF MATERIALS

The XPJ-1462UF offers a large table area capable of printing up to 55" x 27" and objects up to 5.9" thick while holding weight of 10lbs per sq ft. Cover a wide range of applications from large signage to small golf balls all with shorter print times resulting in improved productivity.



The print table has 4 individually controlled vacuum zones that can be adjusted from the dedicated control panel.

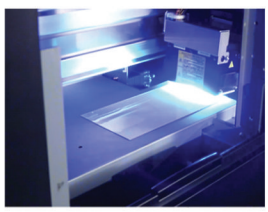
NOZZLE AREA SELECT

Auto-nozzle checking unit and Nozzle Area Select automatically detects missing nozzles and performs a nozzle cleaning. Nozzle Area Select temporarily prints using selected area of active nozzles when clogged nozzles may fail to recover.

Nozzle Area Select

NOZZLE CHECK AREA

Nozzle check can be performed at any time by setting the media in a dedicated area outside the print table. Even after the print media or print jig has been set. Print test can be performed smoothly without having to redo the height detection.



XPERTJET 1462UF SPECIFICATIONS

Printer Model		XPJ-1462UF
Printing System		On-demand piezo drive system
Print Head	**Number**	2 (staggered)
Ink	**Type**	UH21 UV-LED ink
	Ink Capacity	800ml bag / 500ml bag (UH21 white ink only)
	Configuration	6 color (CMYK+W+V)
Printable Area		55.9" x 27.5"
Max. Media Thickness		5.9"
Max. Media Weight		10.24 psf

Height Adjustment	Automatic
Print Resolution	Up to 1440 x 1440 dpi
Interface	GB-Ethernet (1000BASE-T)
Weight	Approx. 1100lb
RIP Software	VerteLith
Optional	Ionizer
Dimension	With gantry in the front position: 109" x 63" x 52.7"

MUTOH

ValueJet 628MP

24” Wide Multi-Purpose Inkjet Printer

multi purpose mp INK 31

CMYK

CMYK & White

CMYK LcLmLk

CMYK LcLmLk &White

CMYK OrBlGr

CMYK OrBlGr &White

VerteLith

Powered by MUTOH’s Award-Winning Genuine VerteLith™ RIP Software, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value.

*Spot-color inks are not supported

The **MUTOH ValueJet 628MP Multi-Purpose Printer** is a user-friendly inkjet printer designed to support both 24” wide roll media and sheet media. With multi-purpose "MP31" ink, this printer reliably produces exceptional prints on a wide variety of substrates. MP31 ink is equivalent to eco-solvent ink in weather resistance, abrasion resistance, and color development while providing a smooth, natural finish that brings out the natural appearance of the substrates. Ideally used to produce small-lot gifts, novelty items, package prototypes, stickers, and more, this reliable printer delivers high-quality results. The ValueJet 628MP has an expanded color gamut, supporting up to 8 colors, including light inks or spot-color inks such as orange, blue, and green. More color variety allows for smoother gradation expression and improved gray balance and color adjustment. The MP31 ink has remarkable flexibility – it won't crack even when bent and can be printed and processed on vacuum-formed and shrink-wrapped materials. Whether your focus is on commercial printing, industrial applications, or sign and display projects, this 24” Inkjet Multi-Purpose printer is up to the task. Powering the ValueJet 628MP Multi-Purpose printer is MUTOH's Award-Winning Genuine VerteLith™ RIP software, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value.

METALLIZED FILM

PACKAGING PROTOTYPE

LABELS

SHRINK WRAP

MUTOH

multi purpose MPINK 31

- Enhanced color gamut with up to 8 colors, including light inks or spot-colors
- Ease of use and operability
- Perfect for creating packaging prototypes
- Blower Heater

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MUTOH'S ValueJet 628MP Multi-Purpose Printer Delivers Exceptional Printing On A Wide Variety of Substrates

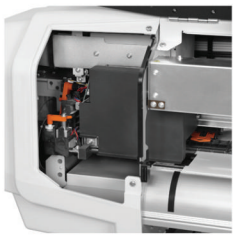
MUTOH'S GENUINE RIP SOFTWARE VERTELITH™

VerteLi

Powered by MUTOH's Award-Winning Genuine VerteLith™ RIP Software, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value.

USER-FRIENDLY FUNCTIONAL CAPABILITY

A wider opening helps ease daily maintenance.



The blower heater and platen heater gently dry the entire printing surface of the media.

Space saving design with easy installation as standard equipme

UV-LED/MP

MULTI-PURPOSE INK "MP31" ACHIEVES MEDIA FLEXIBILITY

MP31 Ink is resistant to heat, stretching, and bending. The ink doesn't crack easily, so it's ideal for packaging prototyping, vacuum/thermoforming, labels, and more.

MPink

Strong against bending and stretching

Latex ink

Due to ink fixation at high temperature, available applications are limited

UV ink (soft type)

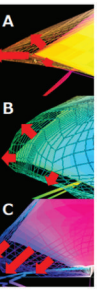
Strong against bending and stretching, but the printed surface is rough and less color developing

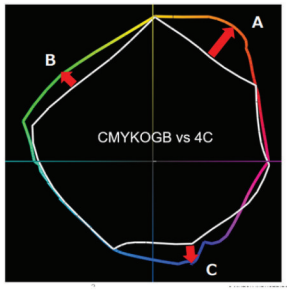
UV ink (hard type)

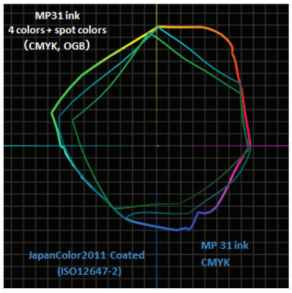
Weak against bending and stretching, and the printed surface is rough

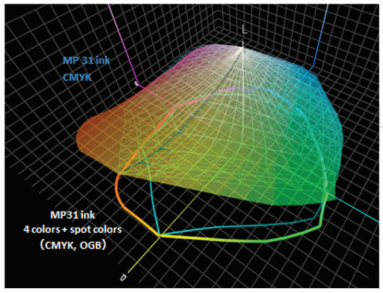
CHARACTERISTICS OF MP31 INK

By adding spot color inks (Or, Gr, Bl) you are able to significantly expand your color gamut to achieve a broader color range. This is exceptional for color reproduction, such as vivid orange, green, and deep blue, which could not be reproduced using process colors alone.









VALUEJET 628MP SPECIFICATIONS

Printer Model		VJ-628MP
Printing System		On-demand piezo print head
Print Head	Number	1
	Height	Low: 1.2mm High: 2.5mm
Ink	Type	Multi-Purpose Ink (MP31)
	Ink Capacity	220ml cartridge
	Configuration	4 colors (C, M, Y, K), 5 colors (C, M, Y, K, Wh)
		7 colors (C, M, Y, K, Lc, Lm, Lk) or (C, M, Y, K, Or, Bl, Gr)
		8 colors (C,M,Y,K,Lc,Lm,Lk,Wh) or (C,M,Y,K,Or,Bl,Gr,Wh)
Max. Media Width		24.8"
Printable Area		24.4"
Max. Media Thickness		1mm

Height Adjustment	Manual 2 step system
Print Resolution	1440 / 1080 / 720 dpi (Total 6 modes)
Interface	Ethernet (10BASE-T, 100BASE-TX)
Weight	Body: 81.6lbs / Stand 19.2lbs
RIP Software	VerteLith
Optional RIP's	CGS ORIS or SAI Flexi for spot color inks
Optional Accs.	Take-up unit
Dimension	46.8" x 27" x 47.6"
Max. Print Speed	Up to 61.8 sq ft/hr

MUTOH

VALUEJET 1628MH MULTI-PURPOSE PRINTER

multi purpose INK 31

The most versatile printer on the market

VerteLith

Powered by MUTOH's genuine VerteLith RIP Software
bundled with FlexiDESIGNER MUTOH Edition 21
a $2,199.00 value

ValueJet 1628MH

PACKAGING/PROTOTYPING

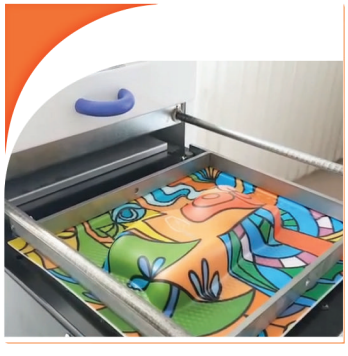
The ValueJet 1628MH multi-purpose hybrid printer is ideally suited for the production of high-quality graphics. It is powered by MUTOH's new genuine VerteLith™ RIP software, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value. VerteLith RIP optimizes all of the capabilities the VJ-1628MH has to offer and produces the best possible gradients, skin tones and vivid colors.

This hybrid model is the most versatile printer on the market and is ideally-suited for use in packaging prototyping, signage, POP displays, specialty printing and more. With enhanced print quality supporting up to 8 colors (CMYKx2, CMYKWhWh) and a wide color gamut, the VJ-1628MH gives true-to-life skin tones and smooth gradations. MP31 multi-purpose inks give outstanding adhesion and color properties that bind to substrate surfaces giving a natural, vibrant finish to projects.

POP DISPLAYS

VEHICLE WRAPS

YARD SIGNAGE



THERMOFORMING PRINTS

MUTOH

- Flexibility to print on roll/rigid materials
- Transport roller system
- Blower heater
- Automatic media height
- Includes 8 ink slots
- Standard 66lb take-up system

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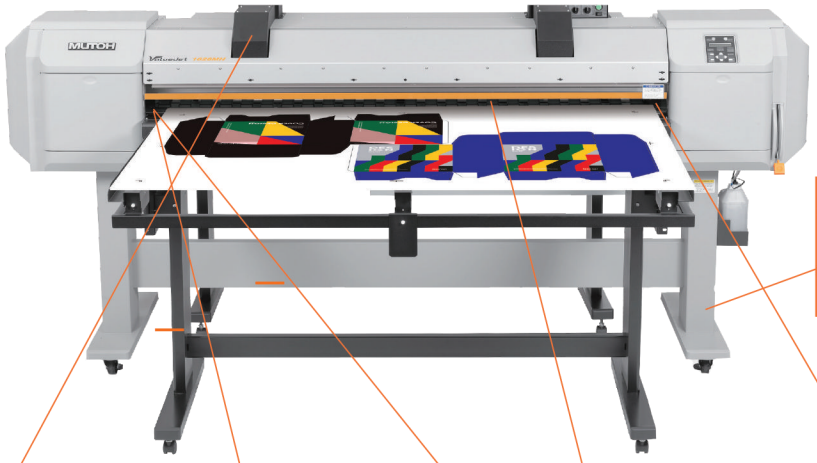
www.MUTOH.com

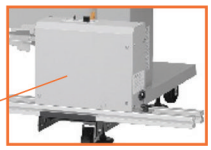
ValueJet 1628MH

Powered by VerteLith™

MUTOH'S GENUINE RIP SOFTWARE BUNDLED WITH FLEXIDESIGNER MUTOH EDITION 21

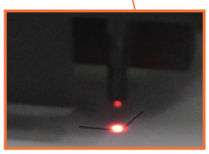
UV-LED/MP



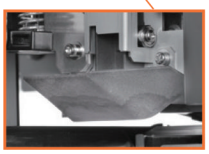


Standard 66lb Take-up System

Blower Heater

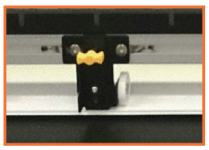


Automatic Media Height Adjustment Mechanism



Head Strike Prevention Sensor

Transport Roller System



Media Retainer

VJ-1628MH printer features include:

- Flexibility to print on roll or rigid materials.
- Multi-purpose MP31 inks.
- Solvent-based ink with outstanding adhesion and color properties giving a natural, vibrant finish to projects.
- Enhanced print quality, supporting up to 8 colors with CMYKx2 and CMYKWhWh.
- Wide color gamut and improved color stability.
- Blower heater to speed drying time.
- New built-in circulation system for white & magenta inks assures color consistency and prevents clogging.
- Custom roller selection function allows each pressure roller to be set independently.

MUTOH's genuine VerteLith RIP software bundled with FlexiDESIGNER MUTOH Edition 21 optimizes the VJ-1628MH through these key features:

- Auto-population of named Pantone coated/uncoated spot colors.
- MUTOH Clear Tone half tone technology.
- MUTOH CMYK wide color gamut ICC profile.
- Automated layout processing and printing.
- Soft proof.
- "What-you-see-is-what-you-get" RIP preview.
- Tab customization.
- Color management function.
- Finishing bleed processing function.
- Printing log function.
- Automated multi-layer printing.

VALUEJET 1628MH SPECIFICATIONS

Printing systems	On-demand Micro Piezo Inkjet Technology
Print head height	Automatic
Print head	1 (1440dpi, 180 nozzles x 8 rows)
Max print resolution	1440x1440dpi (16 pass)
Print modes	1440/1080/720/360dpi (total 6 modes)
Media width	64"
Media capacity	ø 5.9" dia / 2" & 3" cores /Roll media 66lbs or less Rigid media max 33lbs or less
Max media thickness	0.62 in
Max printable width	63.6 in
Media drying system	Blower heater system: 1200Wx2
RIP software	VerteLith™, bundled with FlexiDESIGNER MUTOH Edition 21

Ink	Type	MP31 multi-purpose
	Ink Set	Up to 8 colors - CMYKx2 and CMYKWhWh
	Volume	500ml
	No. of slots	8

Interface	Gigabit-Ethernet (1000BASE-T)
Power Requirements	AC 100-120V± 10%, 50/60Hz ± 1Hz
Printable Environment	Temperature: 68-89.6°F | Humidity: 40-60%RH (non condensing) Rec. environment: Temperature: 71.6-86°F
Power Consumption	Main: Operation status 2300W or less | Standby: 65W or less
Dimensions (WxDxH)	Printer including stand: 106.2"x35.7"x51.26"
Weight	Body: 369.3lb | Stand: 72.8lb

02-03-2022

MUTOH

VALUEJET 1638UH MARK II HYBRID UV-LED PRINTER

VerteLith

Powered by MUTOH's genuine VerteLith RIP Software
bundled with FlexiDESIGNER MUTOH Edition 21
a $2,199.00 value

ValueJet
1638UH Mark II

PACKAGING/PROTOTYPING

The ValueJet 1638UH Mark II UV-LED hybrid printer represents the next generation of UV-LED printers and is ideally-suited for the production of high-quality graphics. It is powered by MUTOH's new genuine VerteLith™ RIP software, bundled with FlexiDESIGNER MUTOH Edition 21, a $2,199.00 value. VerteLith RIP optimizes all of the capabilities the VJ-1638UH Mark II has to offer and produces the best possible gradients, skin tones and vivid colors.

Features of the ValueJet 1638UH Mark II includes staggered dual print heads with UV-LED lamps on both sides for greater productivity, the ability to print with MUTOH UV-LED flexible (US11) or rigid (UH21) inks and multi-layer capability. A Media Thickness Detection Sensor detects media automatically and media retainer guides automatically set the position of rigid media.

COUNTER DISPLAYS

POP DISPLAYS

YARD SIGNAGE

WALLCOVERINGS & HOME DECÓR

MUTOH

- Flexibility to print on roll/rigid materials
- Staggered dual print heads
- Media Thickness Detection Sensor
- Media retainer
- Optional Economy 66lb take-up system

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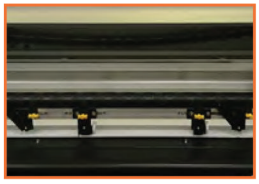
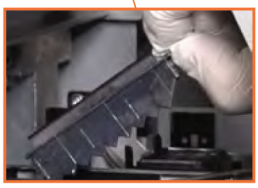
www.MUTOH.com

ValueJet 1638UH Mark II

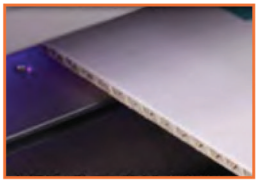
Powered by VerteLith™

MUTOH'S GENUINE RIP SOFTWARE BUNDLED WITH FLEXIDESIGNER MUTOH EDITION 21


Media Retainer


Replaceable Print Wiper

Staggered Dual Print Heads


Media Thickness Detection Sensor

UV-LED/MP

MUTOH's genuine VerteLith RIP software bundled with FlexiDESIGNER MUTOH Edition 21 optimizes the VJ-1638UH Mark II through these key features:

- Auto-generation of named Pantone coated/uncoated spot colors.
- MUTOH Clear Tone half tone technology.
- MUTOH CMYK wide color gamut ICC profile.
- Automated layout processing and printing.
- Soft proof.
- "What-you-see-is-what-you-get" RIP preview.
- Printing layers with auto-generation of spot colors/white/varnish.
- Automated multi-layer printing.
- Tab customization.
- Color management function.
- Finishing bleed processing function.
- Printing log function.

VJ-1638UH Mark II Hybrid printer features include:

- Flexibility to print on roll/rigid materials.
- Media Thickness Detection Sensor automatically detects media thickness.
- Media retainer sets position of rigid media.
- MUTOH UV-LED inks
  - Rigid UH21.
  - Flexible US11.

VALUEJET 1638UH MARK II SPECIFICATIONS

Printing systems	Drop-on-demand Micro Piezo Inkjet Technology
Print head height	Automatic
Print head	2 (staggered set-up)
Max print resolution	1440x1440dpi (16 pass)
Print modes	1440/1080/720/360dpi 6 modes+
Media width	64"
Media capacity	ø 5.9" dia / 2" & 3" cores /Roll media 66lbs or less Rigid media max 33lbs or less
Max media thickness	.50 in
Max printable width	63.6 in
Height adjustment	Automatic
UV lamp	UV LED 2 pcs
RIP software	VerteLith™, bundled with FlexiDESIGNER MUTOH Edition 21

Ink	Type	UV-LED Ink (flexible US11 or rigid type UH21)
	Ink Set	4 colors (C, M, Y, K), 5 colors (C, M, Y, K, Wh/Va), 6 colors (C, M, Y, K, Wh,Va)
	Volume	220ml (CMYK, Wh, Va) 500ml (White) 800ml (CMYK, Va)* *500/800ml ink bags require optional adapter
	No. of slots	8

Interface	Gigabit-Ethernet (1000BASE-T)
Power Requirements	AC 100-120V± 10%, 50/60Hz ± 1Hz
Printable Environment	Temperature: 68-89.6°F | Humidity: 40-60%RH (non condensing) Rec. environment: Temperature: 71.6-86°F
Power Consumption	Main: Operation status 77W or less | Standby: 52W or less
Dimensions (WxDxH)	Printer including stand: 117.4"x32.2"x49.6" Printer w/media feed table: 117.4"x107"x49.6"
Weight	Body: 352.7lb | Stand: 81.57lb

01/24/2022

MUTOH

DYE-SUB PRINTER

NEW! AccuFine

1642WR Pro

BUILT FOR PROFESSIONALS

The **XpertJet 1642WR Pro** 64" is a high-speed dye-sublimation inkjet printer with a new platform that inherits the properties of the XpertJet series. The XPJ-1642WR Pro features new extra-wide MUTOH AccuFine print heads with best-in-class dot placement accuracy, enabling high print speeds and quality.

MUTOH's original DH21 dye-sublimation transfer ink provides optimum media transfer, achieving high density colors with less ink consumption. Fast ink-drying times enables printing on thinner and lighter transfer papers, while excellent jetting and color stability support prolonged print times. MUTOH DH21 ink is available in a CYMK configuration in 1,000ml or 2,200ml capacity ink bags.

The XPJ-1642WR Pro delivers high-quality graphics onto a wide range of materials such as trade show graphics, flags, banners, custom interior designs, apparel, sports uniforms and more.

APPAREL

HOME DECOR

SOFT SIGNAGE

WALL COVERINGS

MUTOH

- NEWLY DEVELOPED ACCUFINE PRINT HEADS
- ENHANCED MEDIA HANDLING/FEED MASTER
- MEDIA TRACKER
- AUTOMATIC NOZZLE AREA SELECT

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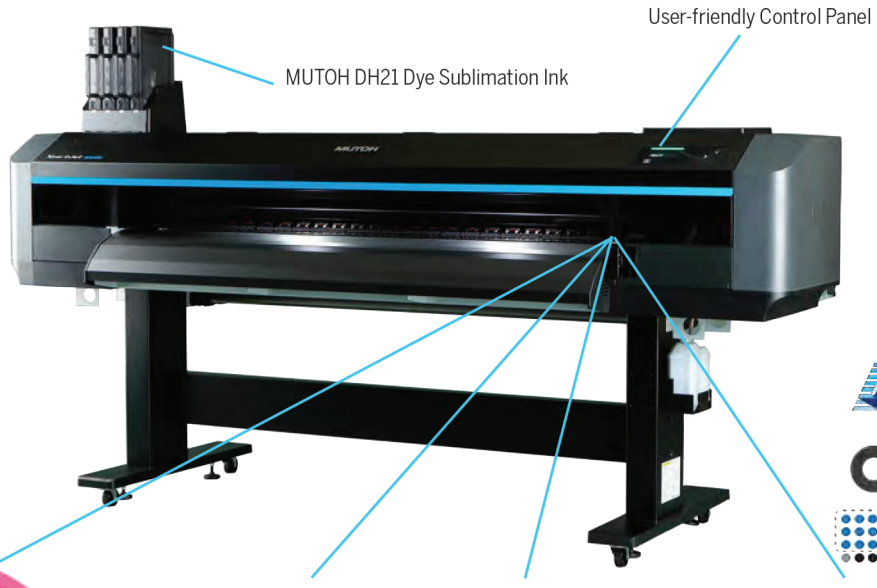
www.MUTOH.com

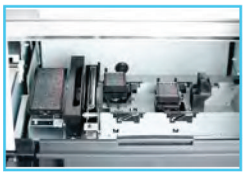
XpertJet 1642WR Pro

MADE IN JAPAN QUALITY

All New Platform Ensures Easy Maintenance, Usability and Quality



New Extra Wide MUTOH AccuFine Print Heads


Automatic Nozzle Checking

Replaceable Print Wiper

Four-Stage Head Heights

DYE SUBLIMATION

XPJ-1642WR Pro key features:

- Unique multi-stage pressure mechanism feeds even thin paper roll media smoothly.
- New extra-wide piezo MUTOH AccuFine print heads achieve maximum production speeds up to 802 sqft/hr.
- Media Tracker prints a barcode before removing media. When media is loaded again, a built-in sensor reads the barcode and recognizes the amount of media remaining.
- Internal LED lighting allows the operator to easily check print status.
- MUTOH DH21 dye-sublimation ink provides superior media transfer, color rendition, excellent jetting and color stability.
- Automatic Bi-D alignments with built-in sensor automatically calibrates bi-directional alignments.
- Four-stage head heights allow optimal height on print head to reduce the risk of print head contact.
- Precise ink dot placement provides higher print quality at high print speeds.
- FeedMaster built-in sensor allows for automatic media feed adjustment.
- Nozzle Area Select uses blocks of active nozzles to temporarily print if clogged nozzles fail to recover.
- Optional available heavy-duty take-up system supports roll media weights up to 220 lbs.
- Front access panel for ink cartridge holders.

XPERTJET 1642WR PRO SPECIFICATIONS

MUTOH AccuFine Print Heads	Print Method	On-demand piezo drive system
	Head Height	Four-level adjustment of Low 1: 1.5mm, Low 2: 2.0mm, Mid: 2.5mm, High: 4.0mm
	Number	2 staggered
Media	Max width	64 in
	Max thickness	0.04~1.0mm | 0.0015-0.039in
	Measurements	ø7.9" or less | 2 inches or 3 inches | 66lbs or less
Max Print Width		63.6 in
Max Print Length		4,921 ft
Ink	Type	DH21 Dye Sublimation Ink
	Ink Set	4 colors (C, M, Y, K)
	Capacity	1000 ml | 2200 ml ink bags

Print Resolution	Max 1200 dpi
Interface	Gb-Ethernet (1000BASE-T)
Power Requirements	AC 100-120V~ 10%/ AC 200V~240V~ 10% | Frequency 50/60Hz~1Hz
Power Consumption	Operation: AC100V~120V | AC200V~240V, 180W or below
	Sleep Mode: AC100V~120V | AC200V~240V, 30W or below
Printable Environment	Temperature: 68-89.6°F(20-32°C)| Humidity: 40-60%RH (non condensing)
Dimensions (WxDxH)	109 in x 35 in x 56 in (cover closed)
	109 in x 35 in x 68 in (with ink bag cases)
Weight	Main body: 302 lbs. | Stand: 70 lbs.
RIP Software	Wasatch SoftRIP

2021.11.23

MUTOH

The RJ-900X

Dye-Sublimation Printer

Compact, Affordable, Versatile

The Mutoh 42" RJ-900X is a versatile printer with superior paper handling capabilities that is ideally suited to print dye-sublimation applications such as custom t-shirts, apparel, flags or even promotional and personalized items. The RJ-900X delivers superior line sharpness and photo quality images with continuous tones, smooth transitions and a wide color gamut. With various print resolutions available for different applications, and the ability to support a variety of ink sets, the RJ-900X is an ideal printer for shops looking to compete in the dye-sublimation market.

ValueJet

RJ-900X Professional Printer, Affordable Price

Improved Paper Handling

New lever enabled "Pressure Roller Cancel" feature allows the operator to adjust the pressure by media type.

"Default"

All pressure rollars are effective

All pressure rollars are effective

"Roller Cancel Function: ON"

Red encircled rollers are disabled (up)

Red encircled rollers will be disabled when orange lever is pressed

RJ-900X Highlights

- Higher speeds with new print and effect modes
- Improved paper handling capability with new pressure roller control feature
- Remote printer management capability with VSM & VSM Mobile Support
- Supports aqueous, dye and pigmented ink types
- Intelligent Interweave (i²) technology eliminates banding

Print method	Variable drop-on demand piezo drive method
# of nozzles	Black: (180 x 2 rows) Color: (180 x 6 rows) x 1 head
Ink type	Aqueous / Pigment / Dye
Variable dot	Yes
Minimum droplet size	3.2pl
Print modes	2880 / 1440 / 720 / 360dpi 14 modes
Number of print heads	1
Maximum print speed / resolution	676 sqft/hr 360 x 360dpi (Draft mode)
Maximum resolution	2880 dpi
Head height	Low: 1.2mm / High: 2.0mm
Maximum media width	42.5 inches
Maximum print width	42.3 inches
Maximum media roll weight	41.9 lbs
Media roll diameter / core	6" / 2" (3" optional)

Media catch basket	Optional
Heavy duty take-up system	N/A
Media auto cut	Yes
RIP software	Wasatch SoftRIP
Power requirements	Rated Voltage: AC100 - 240V
Consumption Current	AC100 - 120V : 4.2A or less
Consumption Current	AC200 - 240V : 2.6A or less
Operating temperature	50 F - 95 F
Operating humidity range	20% - 80%
Dimensions (printer) WxDxH	69.8" x 26" x 38.7"
Dimensions (shipping info)	75"x 24.8"x 22.9" (59.5"x 17.1"x 10.2" stand)
Weight (printer)	Printer 109.1 lbs / Stand 34.2 lbs
Weight (shipping info)	Call for quote
Limited warranty	1 Year

Apparel

Flags

Promotional Items

T-Shirts

Limitless Application Possibilities

- Promotional items
- Apparel and custom clothing
- Banners, flags and posters
- Outdoor and indoor signage

Specifications Subject to Change

MUTOH®

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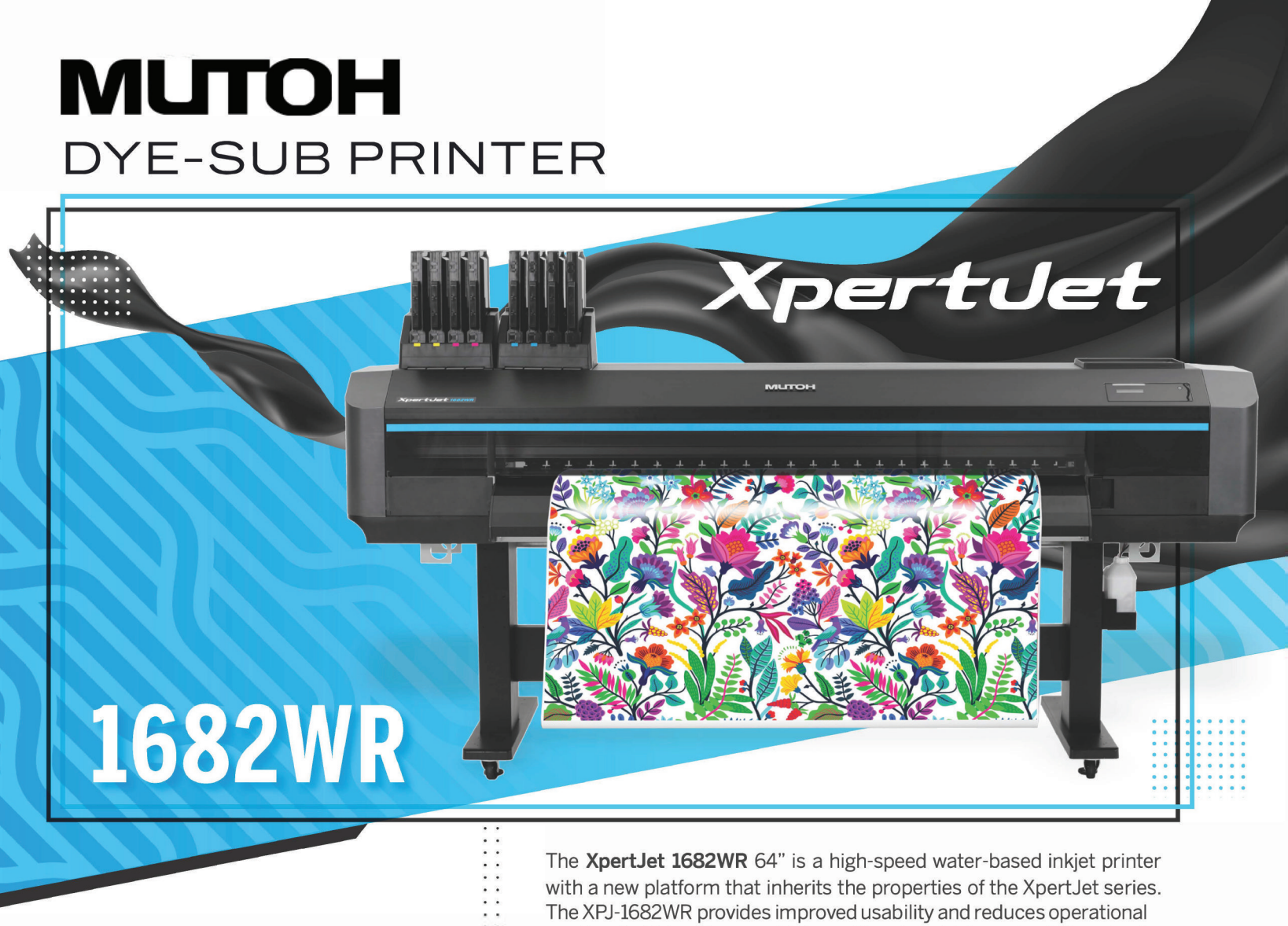
MUTOH

DYE-SUB PRINTER



BUILT FOR PROFESSIONALS

The **XpertJet 1682WR** 64" is a high-speed water-based inkjet printer with a new platform that inherits the properties of the XpertJet series. The XPJ-1682WR provides improved usability and reduces operational workload which will ensure high-quality prints, high productivity outputs, and user-friendly operation. Newly developed Multi-stage pressurizing system enhances media feed stability for a wide range of media. The MUTOH original dye-sublimation transfer ink (DH21) provides optimum print quality and wide color gamut. The DH21 ink is available in a 4-color configuration CMYK. Large capacity ink bags (1,000ml or 2,200ml) with new front access ink cases support prolonged continuous printing. The XPJ-1682WR delivers high-quality graphics onto a wide range of materials such as trade show graphics, flags, banners, custom interior designs, apparel, sports uniforms and more.

APPAREL

HOME DECOR

FLAGS

SOFT SIGNAGE

MUTOH

UPGRADED TOUCH PANEL

NEW MEDIA HANDLING

AUTOMATIC ALIGNMENTS

INTERNAL LED LIGHTING

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www.MUTOH.com

XpertJet 1682WR

MADE IN JAPAN QUALITY

All New Platform Ensures Easy Maintenance, Usability and Quality

New media feed flange

High Precision Aluminum Rail Mechanism

Internal LED lighting

Multi-stage pressurizing mechanism

LED touch panel

- Successor model of ValueJet 1638WX
- High Precision Aluminum Rail Mechanism for high quality and stable printing.
- Improved Media Feed Mechanism corresponding to a wide range of media.
- Mutoh DH21 Dye Sublimation Ink provides high image quality and high productivity.
- Automatic Bi-Directional and Page Feed Alignments with missing nozzle detection using built in sensor.
- Newly Developed Media Flange allows for easy media loading.
- MSM (MUTOH Status Monitor) improved convenience and response.
- New Multi-Language intuitive LED display.
- Front Access of Ink Cartridge Holders, LAN cable and power cords.
- Internal LED Lighting enable operator to easily check print status.
- Excellent color jetting and color stability with MUTOH DH21 Dye-Sublimation Ink.

XPERTJET 1682WR SPECIFICATIONS

Print Head	Print Method	On-demand piezo drive system
	Head Height	Three-level adjustment of Low .06 in, Mid, .09 in, and High .16 in
	Number	2 Staggered
Media	Width	Maximum 63.98 in
	Max Thickness	0.01 in (the head height is set to Low) 0.05 in (the head height is set to Mid) 0.11 in (the head height is set to High)
	Roll Capacity	5.9 in diameter | 2 inches or 3 inches | 66.14 lbs. or less
Max Print Width		63.58 in
Max Print Length		4921 ft
Ink	Type	DH21 Dye Sublimation
	Ink Set	CMYK
	Capacity	1000 ml | 2200 ml ink bags

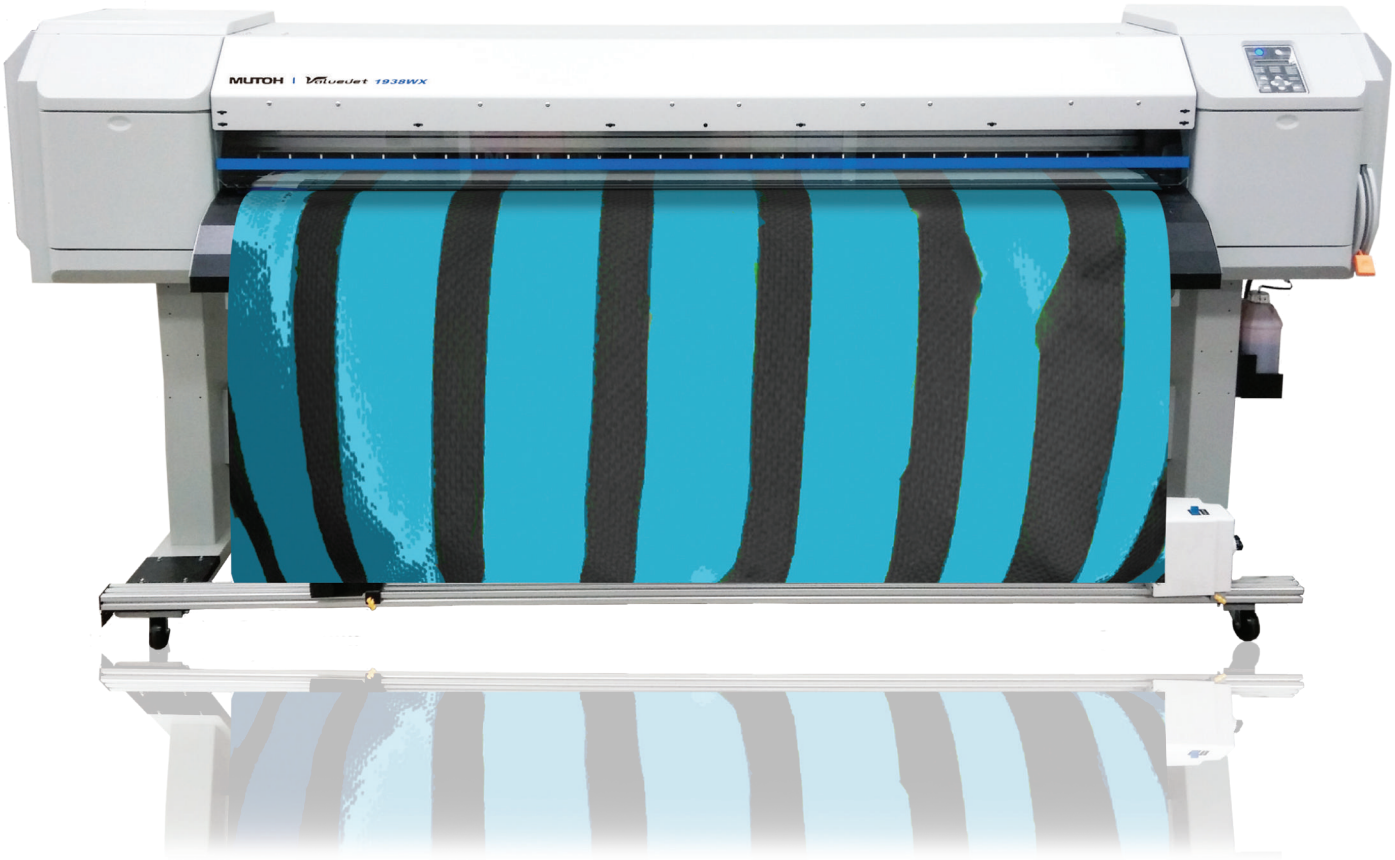
Print Resolution	Max 1440 dpi
Interface	Gb-Ethernet (1000BASE-T)
Power Requirements	AC 100-120V± 10%/ AC 200V~240V± 10% | Frequency 50/60Hz ± 1Hz
Power Consumption	Operation: AC100V~120V | AC200V~240V, 180W or below
	Sleep Mode: AC100V~120V | AC200V~240V, 30W or below
Printable Environment	Temperature: 68-89.6°F | Humidity: 40-60%RH (non condensing)
Optimal	Temperature: 71.6-86°F | Humidity: 40-60%RH (non condensing)
Dimensions (WxDxH)	109 in x 35 in x 56 in (cover closed)
	109 in x 35 in x 63 in (with ink bag cases)
Weight	Main body: 315 lbs. | Stand: 71 lbs.
RIP Software	Wasatch SoftRIP

DYE SUBLIMATION

MUTOH

The ValueJet 1938WX

Smart Printing Equals Value

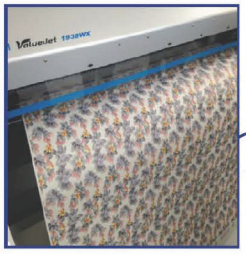


Dye-Sublimation Printer

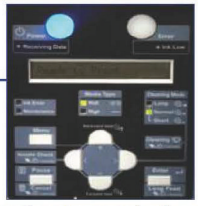
The Mutoh ValueJet 1938WX is ideal for every day sublimation printing. Create shower curtains, trade show graphics, flags, banners, custom interior designs, apparel, scarves, blankets and more. Designed with advanced features like; a rear media feed lever for easy material handling, take-up system, an easy to navigate control panel and simple operation, the learning curve is short so you can focus on customers and profits. The VJ 1938WX provides outstanding performance at a competitive price, making it the smart printer choice for shops looking to expand applications, increase production and improve efficiency.

ValueJet

VJ 1938WX - High Production Dye-Sub Printer



Modern, new, design.



Easy-to-use control panel.

Rear media feed lever.

Print method	Drop-On Demand, Piezo Drive Method
# of nozzles / # of heads	(180 x 8 rows) / 2 staggered heads
Ink type	Aqueous / Dye-Sublimation
Variable dot	Yes
Minimum droplet size	3.5 pl
Print modes	1440/1080/720/540/360dpi 29 modes
Color Options	CMYK x 2 or 8 color
Maximum print speed / resolution	1327sqf / 360 x 360
Maximum resolution	1440 dpi
Head height	Low: 1.5mm / Medium: 2.5mm / High: 4.0mm
Maximum media width	75.2 inches
Maximum print width	74.8 inches
Maximum media roll weight	66lbs (176lbs w/optional HD take-up)

Media roll diameter / core	6" maximum / Core 3" or 2"
Take-up system	Included
Heavy duty take-up system	N/A
Media auto cut	Standard
RIP software	Wasatch
Power requirements	240V / 20AMP
Operating temperature	68°F - 89.6°F
Operating humidity range	40% - 60%
Dimensions (printer) WxDxH	117.4" x 34.9" x 49.7"
Dimensions (shipping info)	Call
Weight (printer)	Printer 347lbs / Stand 82lbs
Weight (shipping info)	Call
Limited warranty	1 Year Limited

* Must purchase optional bulk ink adapter.

Apparel

Scarves

Blankets

Flags

- Print over 1000 sf/h with the revolutionary dual staggered print head design.
- Create promotional items, trade show graphics, flags, banners, fabrics for custom clothing and more.
- CMYK x 2 up to 8 colors
- Utilize Mutoh's patented Intelligent Interweave i² print technology to virtually eliminate banding.
- ValueJet Status Monitor (VSM) smart phone app available for mobile monitoring.

VSM
ValueJet Status Monitor

DropMaster

i²

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FINANCIAL SERVICES

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The ValueJet 1948WX

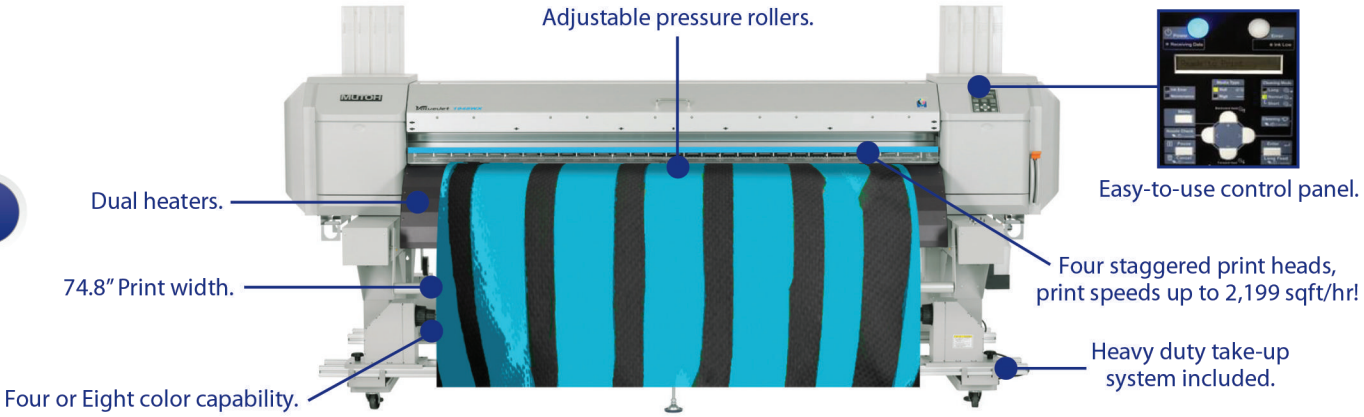
Smart Printing Equals Value

High Production Dye-Sublimation Printer

The Mutoh ValueJet 1948WX is ideal for everyday, and high-production, sublimation printing. With its staggered four-head design, the VJ1948WX prints at speeds up to 2,199 sqft/hr. Create trade show graphics, promotional items, flags, interior decor, apparel and much more. Designed with advanced features like: a rear media feed lever for easy material handling, heavy duty take-up system, an easy to navigate control panel and simple operation, the learning curve is short so you can focus on customers and profits. The VJ1948WX provides outstanding performance at a competitive price, making it the smart printer choice for increased dye-sublimation production.

ValueJet

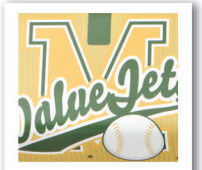
VJ1948WX - High Production Dye-Sub Printer



Print method	Drop-On Demand, Piezo Drive Method
# of nozzles / # of heads	(180 x 8 rows) / 4 staggered heads
Ink type	Dye-Sub Ink 1L or 2L*
Variable dot	Yes
Minimum droplet size	3.5 pl
Print modes	1440/1080/720/540/360dpi 29 modes
Color Options	4 or 8
Maximum print speed / resolution	2,199 sq/ft (360x360dpi)
Maximum resolution	1440 dpi
Head height	Low: 1.5mm / Medium: 2.5mm / High: 4.0mm
Maximum media width	75 inches
Maximum print width	74.8 inches
Maximum media roll weight	220lbs w/ HD take-up

Media roll diameter / core	9.8" maximum / Core 3" or 2" w/ HD take-up
Heating	Upper/Lower
Heavy duty take-up system	Standard
Media auto cut	Standard
RIP software	Wasatch SoftRIP
Power requirements	AC 100 - 120V AC 200 - 240V
Operating temperature	68°F - 89.6°F
Operating humidity range	40% - 60%
Dimensions & HD Take-Up WxDxH	117.4"W x 52.5"D x 49.6H"
Dimensions (shipping info)	Call for Information
Weight (printer)	Printer 361.5lbs / Stand 82lbs HD Take-Up 196lbs
Weight (shipping info)	Call for Information
Limited warranty	1 Year Limited On-Site

* Must purchase optional bulk ink case.


Apparel

Promotional

Blankets

Flags

- Print over 2,000 sqft/hr with the revolutionary four staggered print head design.
- High quality printing with 1440 dpi for amazing clarity and details.
- Dual heaters for fast dry times and accelerated print speeds.
- Adjustable pressure rollers can be raised depending on material type to reduce wrinkles.
- Included heavy duty take-up system.

VSM ValueJet Status Monitor

DropMaster

i2

Mink

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DYE SUBLIMATION

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The ValueJet 2638WX

Smart Printing Equals Value

UNIVERSAL PRINTER - order with Eco-Ultra or dye-sub ink configuration

Dye-Sublimation Printer

Mutoh's ValueJet 2638WX – 104" grand format printer has a staggered dual-head design for faster production speeds to create super wide images with unmatched quality. With print speeds of 1,168sf/hr and print widths that are over eight feet wide, the VJ–2638WX not only saves you time and money but is also capable of producing high quality, super wide images for a number of popular applications like; designs and patterns for trade show graphics, flags, banners, custom clothing, interior design, point of purchase displays and more.

ValueJet

ANATOMY OF A VALUEJET 2638WX

Print method	Drop-On Demand, Piezo Drive Method
# of nozzles	(180 x 8 rows) x 2 head
Ink type	Aqueous / Dye-Sub can also be ordered as Eco-Ultra
Variable dot	Yes
Minimum droplet size	3.5 pl
Print modes	1440/1080/540/720/360dpi 29 modes
Number of print heads	2 staggered (up to 8 colors)
Maximum print speed / resolution	1,168sf / hr / 360 x 360
Maximum resolution	1440 dpi
Head height	Low: 1.5mm / Medium: 2.5mm / High: 4.0mm
Maximum media width	104 inches
Maximum print width	103.6 inches
Maximum media roll weight	220.5 lbs

Media roll diameter / core	9.8" maximum / Core 3" or 2"
Media support cradle	Standard
Heavy duty take-up system	Standard
Media auto cut	Standard
RIP software	Wasatch SoftRIP
Power requirements	2 x 100-120V or 200-240V / 20AMP
Operating temperature	68°F - 89.6°F
Operating humidity range	40% - 60%
Dimensions (printer) WxDxH	146" x 34.9" x 49.65"
Dimensions (shipping info)	Call for Quote
Weight (printer)	Printer 534lbs / Stand 91lbs
Weight (shipping info)	Call for Quote
Limited warranty	1 Year on-site

Decommission fee may apply, contact your reseller for details

Apparel

Trade Shows

Flags

Promotional

- Print up to 1,168 sqft/hr with a state-of-the-art print head.
- Create limitless soft signage applications including custom apparel.
- Includes heavy-duty take-up and media roll cradle.
- DropMaster dot placement technology eliminates manual head adjustments.
- Mutoh's patented Intelligent Interweave print technique eliminates banding.

Smart Printing Technologies

VSM ValueJet Status Monitor

DropMaster

MUTOH FINANCIAL SERVICES

DYE SUBLIMATION

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ValueCut II

High-Performance Cutting Plotters

Price, Performance, Quality

The ValueCut 2 line of cutting plotters are ideal for home, office and professional users providing the finest cutting quality with unsurpassed tracking capabilities. Choose from one of three models to suit your needs, VC-600 (24" cut width), VC-1300 (52" cut width) or VC-1800 (72" cut width). All models come standard with a roll support system for easy handling and perfect tracking and multi-segment registration for long run cut job accuracy. The VC-1300 and VC-1800 models also come with a floor stand and media catch basket, which are both options on the VC-600 model. For price, performance, quality and service the ValueCut 2 is the smart choice for cutting plotters.

Mutoh Makes It Possible.

New features paired with trusted technology from Mutoh Plotters.

- **Versatile roll support system**
  - Allows for easy handling and ensures perfect tracking.
- **"AAS Copy Feature"**
  - Perform repeated contour cut jobs with one click from your RIP software.
- **Media sensor disablement**
  - Disable media sensor to cut transparent media with ease.
- **Added Ethernet Port**
  - Run multiple cutters, over longer distances from the same computer.
- **Catch basket included on VC-1300 and VC-1800**
- **Two year limited warranty**

Standard Accessories:

- Cutting Holder
- Spare Cutter Blade
- Oil Ball Point Pen
- SAi Flexi starter CD-ROM included
- Media Basket (Exclude VC-600)
- Media Cutter
- Cutter Pad x 1
- Roll media mount system

		VC-600	VC-1300	VC-1800
Operation Method		Roller Type		
Max. Media Width		30.3" (770mm)	62.7" (1594mm)	78.3" (1900mm)
Max. Cutting Width		24" (610mm)	52" (1320mm)	72" (1830mm)
Min. Media Width		1.97" (50mm)		11.8" (300mm)
Max Cutting Length		164ft (50m) *1		
Number of Pinch Rollers		3	4	6
Acceptable Material Thickness		0.03"(0.8mm)		
Driver Motor		DC Servo Control		
Cutting Force		5~600 g (5g/Step)		
Max Cutting Speed		60.2" (1530 mm) /sec (diagonal directrion)		
Max Acceleration		4.2 G		
Offset		0~1.0 mm (0.025mm/step)		
Memory		32 MB (16MB when using AAS)		
Interfaces		Ethernet, USB 2.0 (Full Speed), Serial (RS-232C)		
Type of Command		HP-GL, HP-GL/2 *2		
Mechanical Resolution		0.006mm		
Software Resolution		0.025 mm		
Distance Accuracy		±0.254 mm or ±0.1%, (whichever is greater) *3		
Repeatability		±0.1mm *3		
Control Panel		LCD (20 digits x 2 lines), 14 Keys		
Number of attachable Pen		1		
Available Tool		Cutter, Oil Ball Point Pen		
Operation Environment	Temperature	15℃~30℃ / 59 °F~86 °F		
	Humidity	25% ~ 75%		
Power Supply		AC 100~240V, 50/60 Hz		
Power Consumption		Max. 110W		
Dimension (WxDxH) in *4		37.4" x 19.1" x 16.2"	69.8" x 25.6" x 43.7"	85.4" x 29.7" x 44.4"
Shipping Weight		68.3lbs / 31 kg	168.6lbs / 76.5 kg	209.4lbs / 95 kg
Stand, Media Basket		Optional	Standard	
Warranty		2 Year Limited Warranty		

*1 This does not assure the accuracy
*2 HP-GL, HP-GL/2 are trademarks of Hewlett-Packard Company
*3 Effective only when operated with the cutting condition and the media certified by Mutoh
*4 Exclude basket dimension

VALUECUT II

Specifications Subject to Change

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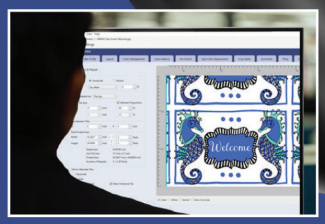
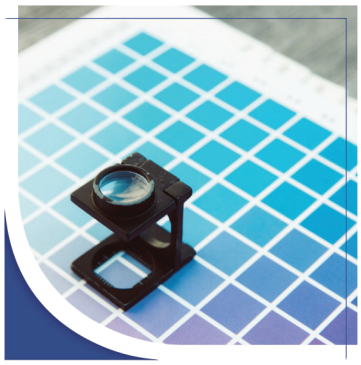
VERTELITH™ GENUINE RIP SOFTWARE



VerteLith™, MUTOH's new genuine RIP software is easy to use and designed to optimize the output of MUTOH brand printers. It's bundled with FlexiDESIGNER MUTOH Edition 21 software, a $2,199.00 value, and includes advanced functions such as MUTOH Clear Tone, an original half-tone technology which achieves beautiful image quality and smoothness. VerteLith also features two enhanced preview functions. A soft proof function simulates the color of the printed output on the screen and the RIP preview function displays the actual printing dots on the screen prior to output. These new features allow users to enjoy a "what you see is what you get" RIP environment. In addition to auto-generation of PANTONE© coated/uncoated spot colors, VerteLith includes various tools and functions to create rich, textured prints without complicated steps.

VerteLith is available with select MUTOH printer models.

MADE FOR PROFESSIONALS



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MUTOH CLEAR TONE HALFTONE TECHNOLOGY

MUTOH CMYK WIDE GAMUT COLOR ICC PROFILE

ACCURATELY PROCESS PDF TRANSPARENCIES

MUTOH

MUTOH CLEAR TONE HALF TONE TECHNOLOGY

TWO PREVIEW FUNCTIONS
- SOFT PROOF
- RIP PREVIEW

EFFICIENT LAYER PRINTING

PANTONE© COATED/ UNCOATED LIBRARIES

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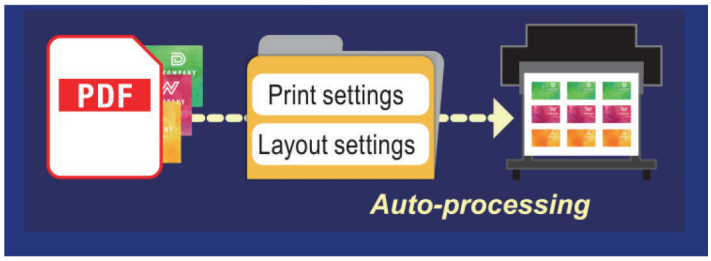
VerteLith

MUTOH GENUINE RIP SOFTWARE

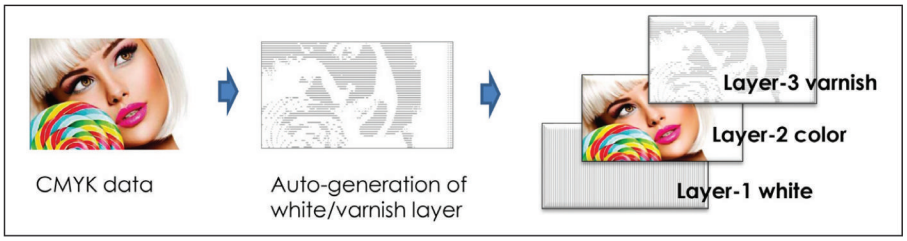
RIP Preview - preview the actual placement of the printing dots on-screen prior to output.

Soft Proof - simulate the color of the printed image on-screen prior to output.



Automated Layout Processing and Printing with a Multi-Page PDF File - Multi-page PDF automates complex tasks. Print and layout settings can also be set.

VerteLith automatically generates CMYK, white and varnish spot color information into separate layers for output .



Scan to watch VerteLith Product Video

Key features of VerteLith, bundled with FlexiDESIGNER MUTOH Edition 21, include:

Pantone Coated/Uncoated Spot Color libraries are included, featuring:
- Auto-generation of named Pantone coated/ uncoated spot colors.

Vibrant image quality and smoothness achieved with:
- MUTOH Clear Tone half tone technology.
- MUTOH CMYK wide color gamut ICC profile.

Improve productivity and workflow processes using:
- Automated layout processing and printing
- Jig layout function.
- Simplified/enhanced jig production.

Intuitive user-friendly controls, including:
- "What-you-see-is-what-you-get" RIP preview.
- Soft proof.
- Printing layers with auto-generation of spot colors/white/varnish.
- Automated multi-layer printing.
- Tab customization.
- Color management function.
- Finishing bleed processing function.
- Printing log function.

Key Differences	MUTOH Genuine VerteLith RIP Software	SAi Flexi MUTOH Edition 19 RIP Software
• Auto-generation of named Pantone coated/ uncoated spot colors.	✓	
• Automated layout processing and printing	✓	
• Grommet marks & bleed tool	✓	✓
• Fast 64-bit RIP	✓	✓
• Enhanced jig layout function	✓	
• What-you-see-is-what-you-get RIP preview	✓	
• Automated job presets	✓	✓
• Soft proof simulate color of printed image on-screen prior to output	✓	
• Spot color swatch tool	✓	✓
• ICC Media Profiler	✓	✓
• Printing layers with auto-generation of colors	✓	
• Automated multi-layer printing	✓	

VERTELITH

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