

MUTOH

AWARD-WINNING PRINTERS



VJ-2638X
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

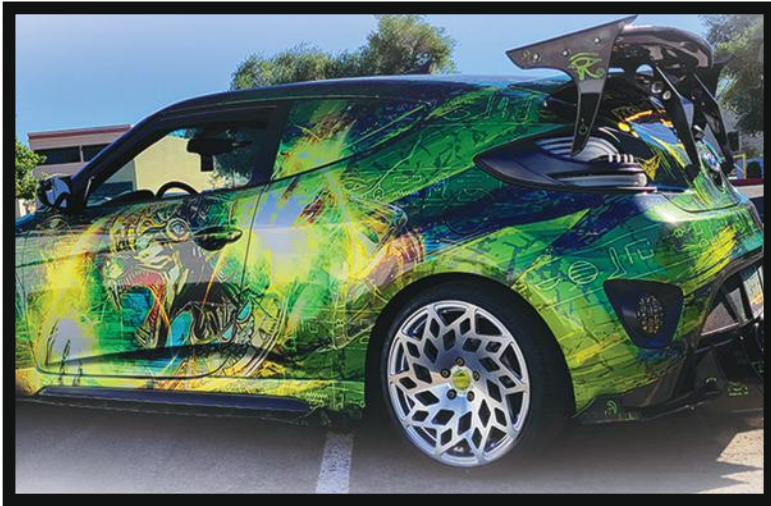
Phoenix, Arizona USA 85042

Phone: (480) 968-7772



MUTOH

AWARD WINNING TECHNOLOGY



ECO SOLVENT



UV-LED/MP



DYE SUBLIMATION

Find a Dealer: [Click Here](#)



MUTOH

XpertJet C641SR Pro



MS 31
Eco-Solvent
Inks

CMYK



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

XpertJet C641SR Pro

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.

www.MUTOH.com | 1-800-99MUTOH



POWERED BY

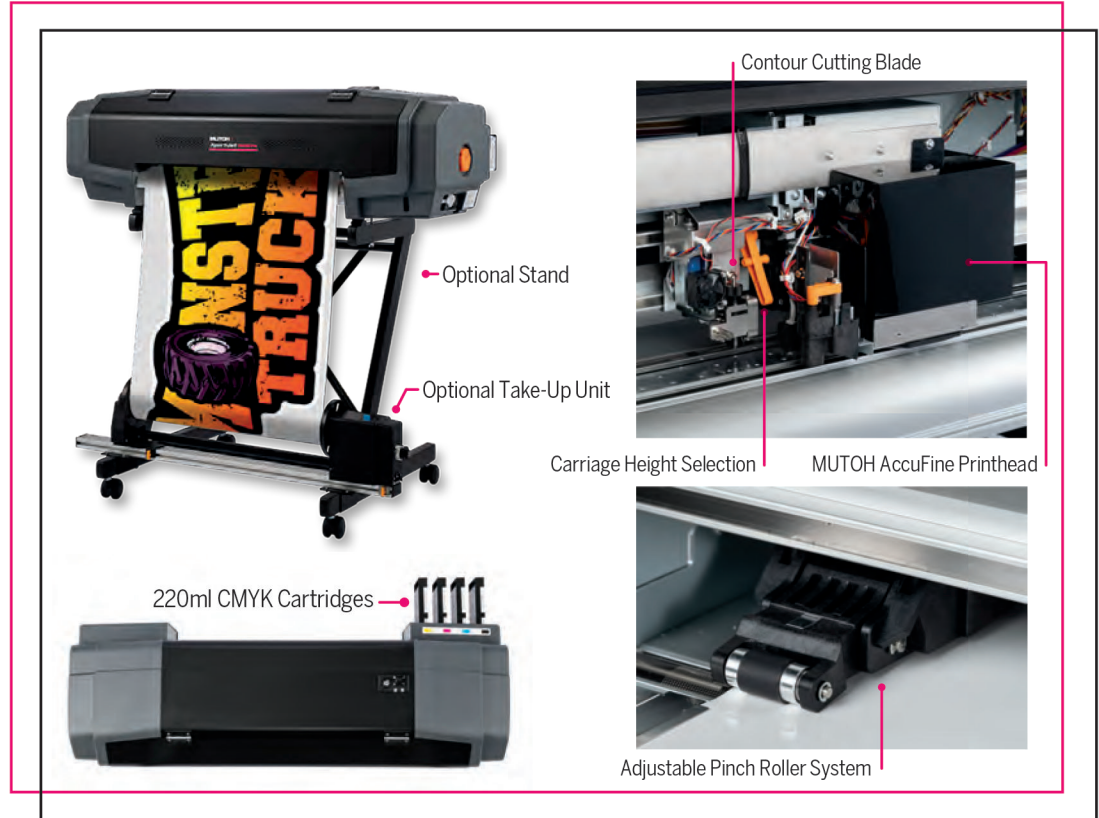


VerteLith +



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



MS31
Eco-Solvent
Inks



CMYK



1341SR Pro

BUILT FOR PROFESSIONALS

The **MUTOH XpertJet 1341SR Pro** 54" Eco-Solvent printer, with its 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

POWERED BY VERTELITH™ RIP SOFTWARE



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

NEW VERTELITH
RIP SOFTWARE

ACCUFINE
PRINT HEAD

AUTOMATIC
ALIGNMENTS

MEDIA TRACKER

I-SCREEN
OPTIMIZING

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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.

XPJ-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
PRINT WITH PRECISION

XpertJet 1641SR Pro II



64" ECO-SOLVENT PRINTER

The **MUTOH XpertJet 1641SR Pro II** 64" eco-solvent printer delivers exceptional quality, increased speed, and improved efficiency at an affordable price. The newly-developed MUTOH **AccuFine HD Pro** printhead ensures flawless dot placement and faster production (up to 60% over the previous model), while improved drying technology unlocks print speeds to their full potential. Additionally, an advanced smart take-up unit comes standard, giving users peace of mind when printing long jobs.

The natural choice for businesses ready to scale, the **XpertJet 1641SR Pro II** maintains MUTOH's made-in-Japan reputation for reliability and quality.

BUILT FOR

PROFESSIONALS

& powered by these MUTOH systems:

AccuFINE



i-screen
From the inventors of Intelligent Interweaving



WRAPS



SIGNAGE



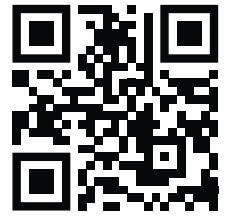
DECALS



BANNERS

MUTOH
PRINT WITH PRECISION

XpertJet 1641SR Pro II



Faster. Better. Smarter.

NEW PRINTHEAD
(60% FASTER*)

NEW DRYER
(20% IMPROVED*)

SMART TAKE-UP
(AUTO MOTOR STOP)

XPJ FEATURES
DROPMASTER2
i-SCREEN EFFECTS
FEEDMASTER
MEDIA TRACKER
NOZZLE SELECTION



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Enhance your printing capabilities with the award-winning **MUTOH VerteLith™ RIP Software** and a complimentary one-year subscription to **SAi Flexi DESIGN MUTOH Edition**—a combined value of \$1,600.

MUTOH MS41 Eco-Solvent Inks are UL GREENGUARD Gold certified with up to three-year outdoor durability (unlaminated).

PRINTER SPECIFICATIONS

Printhead	Print Method	On-demand piezo drive system
	Printhead Height	Low1: 1.5mm / Low2: 2.0mm / Middle: 2.5mm / High: 4.0mm
	Number	1 (MUTOH AccuFine™ HD Pro)
Media	Roll Media Width	Maximum: 63.97in (Minimum: 19.68in)
	Max. Media Thickness	1.0mm or less
	Roll Diameter	Φ7.87in or less
	Core Diameter	2in or 3in cores
	Max. Roll Weight	30kg/66lbs or less
Maximum Printable Width		63.58in
Ink	Type	Eco-Solvent Ink (MS41)
	Color	4 Color - CMYK
	Capacity	1000ml ink bag
Print Resolution		900x1800dpi
Interface		Gigabit-Ethernet (1000BASE-T) - Recommend CAT6+
Power Supply		AC100V-120V±10% (90V-132V) or 200V-240V±10% (180V-264V), Frequency: 50/60 Hz ± 1Hz
Environmental Conditions	Printer Operation	Temperature 68-89°F, Humidity 40%-60%RH (no condensation)
	Ideal Quality	Temperature 72-86°F, Humidity 40%-60%RH (no condensation)
Power Consumption		Operation: 812.0W or less (peak: 2.3kW), Standby: 52.0W or less, Power off: 4.0W or less
External Dimensions		W 109.0in x D 35.2in x H 63.4in (with 1,000ml ink case installed)
Printer Weight		381.4lbs (Printer body: 310.8lbs, Stand: 70.5lbs)
RIP Software		VerteLith™ (MUTOH Genuine RIP Software)

*In comparison to the XpertJet 1641SR Pro.

MUTOH
PRINT WITH PRECISION

XpertJet 1681SR Pro



64" ECO-SOLVENT PRINTER

The **MUTOH XpertJet 1681SR Pro 64"**, **8-color (CMYKLcLmLkOr)** eco-solvent printer delivers exceptional quality, increased speed, and improved efficiency at an affordable price. The newly-developed MUTOH **AccuFine HD Pro** printhead ensures flawless dot placement and faster production, while improved drying technology (up to 20% faster) unlocks print speeds to their full potential. Additionally, an advanced smart take-up unit comes standard, giving users peace of mind when printing long jobs.

The natural choice for businesses ready to scale, the **XpertJet 1681SR Pro** maintains MUTOH's made-in-Japan reputation for reliability and quality.

BUILT FOR
PROFESSIONALS

& powered by these MUTOH systems:

AccuFINE



i-screen
From the inventors of Intelligent Interweaving



WRAPS



SIGNAGE



DECALS



BANNERS

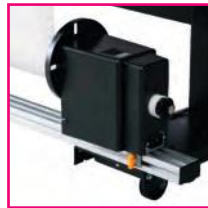
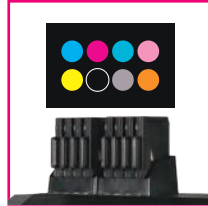


8-Color Configuration (CMYKLcLmLkOr)

NEW PRINTHEAD
(ACCUFINE HD PRO)

SMART TAKE-UP
(AUTO MOTOR STOP)

XPJ FEATURES
DROPMASTER2
i-SCREEN EFFECTS
FEEDMASTER
MEDIA TRACKER
NOZZLE SELECTION



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Enhance your printing capabilities with the award-winning **MUTOH VerteLith™ RIP Software** and a complimentary one-year subscription to **SAi Flexi DESIGN MUTOH Edition**—a combined value of \$1,600.

MUTOH MS41 Eco-Solvent Inks are UL GREENGUARD Gold certified with up to three-year outdoor durability (unlaminated).

PRINTER SPECIFICATIONS

Printhead	Print Method	On-demand piezo drive system
	Printhead Height	Low1: 1.5mm / Low2: 2.0mm / Middle: 2.5mm / High: 4.0mm
	Number	1 (MUTOH AccuFine HD Pro)
Media	Roll Media Width	Maximum: 63.97in (Minimum: 19.68in)
	Max. Media Thickness	1.0mm or less
	Roll Diameter	Φ7.87in or less
	Core Diameter	2in or 3in cores
	Max. Roll Weight	30kg/66lbs or less
Take-up Unit		66lb Smart Take-up included (88/220lb options available)
Maximum Printable Width		63.58in
Ink	Type	Eco-solvent Ink (MS41)
	Color	8 Color - CMYKLcLmLkOr
	Capacity	1000ml ink bag (Orange 300ml)
Max. Print Resolution		900x1800dpi
Interface		Gigabit-Ethernet (1000BASE-T) - Recommend CAT6+
Power Supply		AC100V-120V±10% (90V-132V) or 200V-240V±10% (180V-264V), Frequency: 50/60 Hz ± 1Hz
Environmental Conditions	Printer Operation	Temperature 68-89°F, Humidity 40%-60%RH (no condensation)
	Ideal Quality	Temperature 72-86°F, Humidity 40%-60%RH (no condensation)
Power Consumption		Operation: 812.0W or less (peak: 2.3kW), Standby: 52.0W or less, Power off: 4.0W or less
External Dimensions		W 109.0in x D 35.2in x H 63.4in (with 1,000ml ink case installed)
Printer Weight		381.4lbs (Printer body: 310.8lbs, Stand: 70.5lbs)
RIP Software		VerteLith (MUTOH genuine RIP software)

MUTOH

ECO-SOLVENT PRINTER

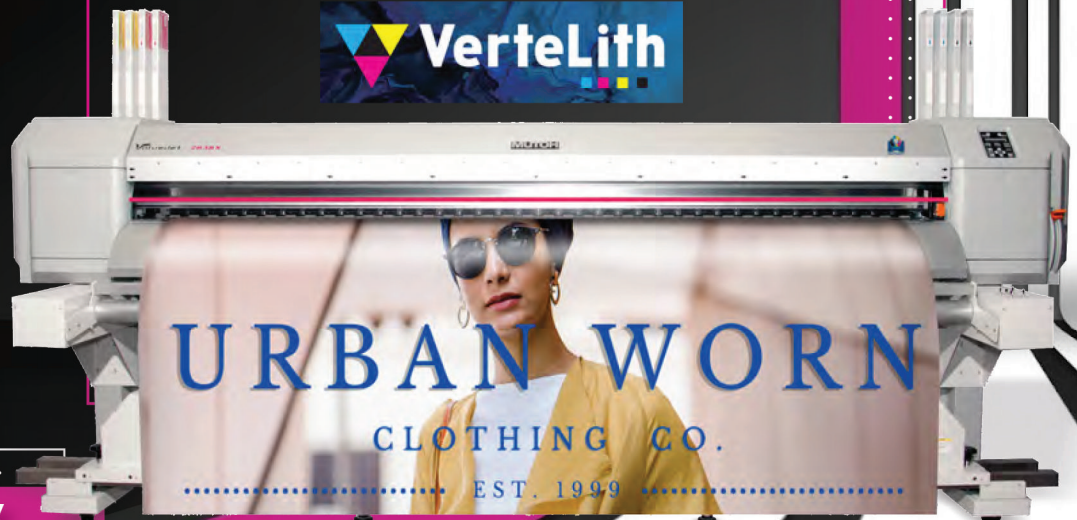
Powered by



MS31
Eco-Solvent
Inks



CMYKx2
CMYK LcLmLk



2638X

BUILT FOR PROFESSIONALS

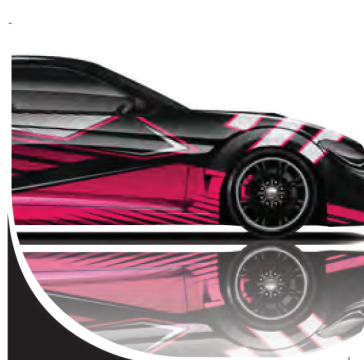
The **MUTOH ValueJet 2638X 104"** Eco-Solvent CMYKx2/CMYK LcLmLk printer, builds upon MUTOH's made in Japan reputation and delivers superior print quality and outstanding speeds at an affordable price. It is powered by MUTOH's new genuine **VerteLith™ RIP Software**, bundled with FlexiDESIGNER MUTOH 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.



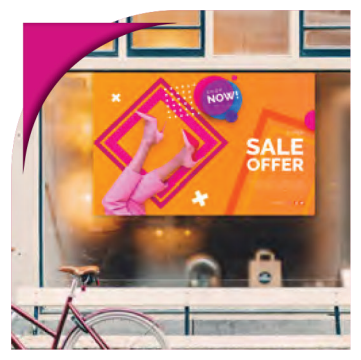
BILLBOARDS



BANNERS



WRAPS



SIGNAGE

POWERED BY VERTELITH™ RIP SOFTWARE

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



NEW VERTELITH
RIP SOFTWARE

MULTI-STAGE
HEATER SYSTEM

USER FRIENDLY
CONTROL PANEL

i² INTELLIGENT
INTERWEAVE

DROPMASTER INK
PLACEMENT
TECHNOLOGY

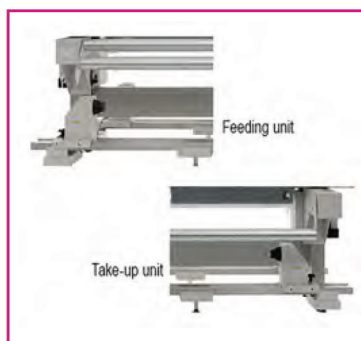
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Print with 220ml/440ml cartridges or 1L ink bags with optional adapters

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" x 34.9" x 49.65" cover closed
Weight		Body: 534lbs Stand: 91lbs

MUTOH

24" Wide Multi-Purpose Inkjet Printer

ValueJet 628MP



mp multi purpose 31



Enhance your printing capabilities with the award-winning MUTOH VerteLith™ RIP Software and a complimentary one-year subscription to SAI Flexi DESIGN MUTOH Edition—a combined value of \$1,600. Unlock limitless design potential and embrace the future of printing today.



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. Enhance your printing capabilities with the award-winning MUTOH VerteLith™ RIP Software and a complimentary one-year subscription to SAI Flexi DESIGN MUTOH Edition—a combined value of \$1,600. Unlock limitless design potential and embrace the future of printing today.



METALLIZED FILM
PROOFING



PACKAGING PROTOTYPE



LABELS



SHRINK WRAP
PROOFING

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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www.MUTOH.com



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

MUTOH'S GENUINE RIP SOFTWARE VERTELITH™



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 equipment.



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)

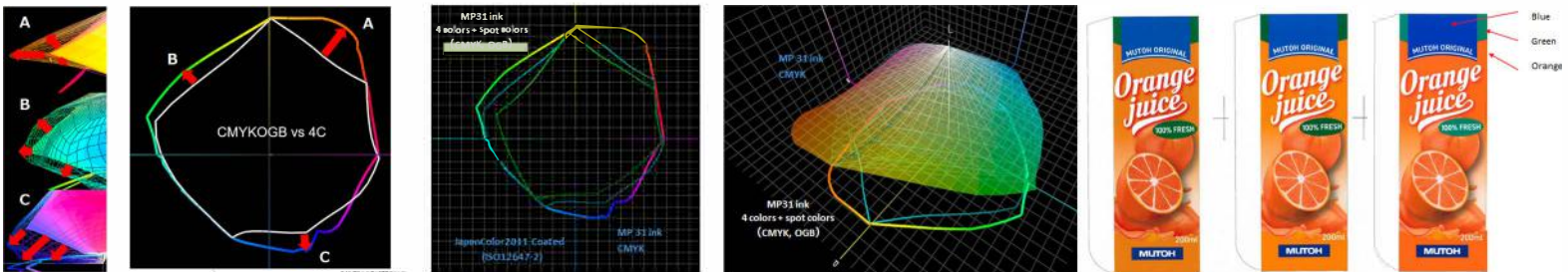
Strong against bending and stretching, but the printed surface is rough and less color developing

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	MUTOH 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

*The most versatile
printer on the market*

multi purpose
mpINK
31



Enhance your printing capabilities with the award-winning MUTOH VerteLith™ RIP Software and a complimentary one-year subscription to SAi Flexi DESIGN MUTOH Edition—a combined value of \$1,600. Unlock limitless design potential and embrace the future of printing today.

ValueJet 1628MH Hybrid



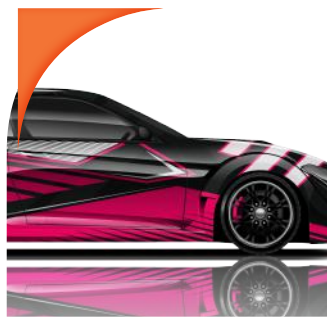
PACKAGING/PROTOTYPING

The ValueJet 1628MH multi-purpose hybrid printer is ideally suited for the production of high-quality graphics. Enhance your printing capabilities with the award-winning MUTOH VerteLith™ RIP Software and a complimentary one-year subscription to SAi Flexi DESIGN MUTOH Edition—a combined value of \$1,600. Unlock limitless design potential and embrace the future of printing today.

MUTOH 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.



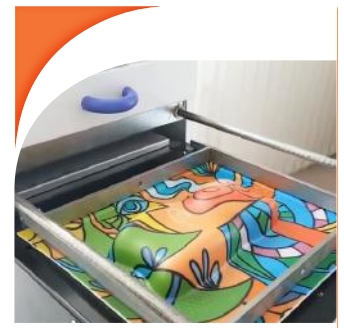
POP DISPLAYS



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

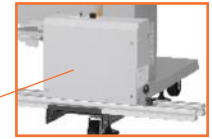
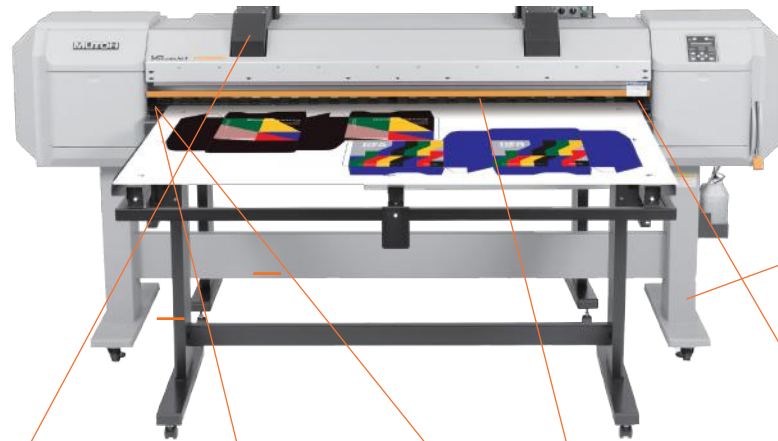
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ValueJet 1628MH

Powered by VerteLith™



Standard 66lb Take-up System



Blower Heater



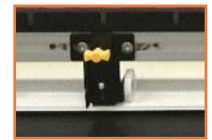
Automatic Media Height Adjustment Mechanism



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 complimentary one-year subscription to SAI Flexi DESIGN MUTOH Edition optimizes the VJ-1628MH by:

- 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	MUTOH VerteLith™

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

MUTOH FLATBED UV-LED PRINTER

XpertJet 461 UF



Enhance your printing capabilities with the award-winning MUTOH VerteLith™ RIP Software and a complimentary one-year subscription to SAI Flexi DESIGN MUTOH Edition—a combined value of \$1,600. Unlock limitless design potential and embrace the future of printing today.



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. Enhance your printing capabilities with the award-winning MUTOH VerteLith™ RIP Software and a complimentary one-year subscription to SAI Flexi DESIGN MUTOH Edition—a combined value of \$1,600. Unlock limitless design potential and embrace the future of printing today. MUTOH 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



BRILLE

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



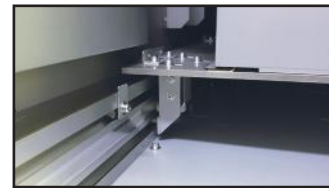
Newly Designed Mechanism Ensures Excellent User Experience

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.

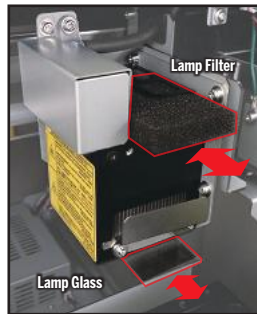
Print Resume Function

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.

XPRTJET 461UF SPECIFICATIONS

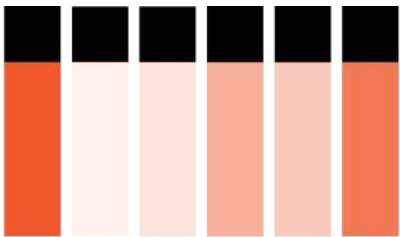
Printing Systems	On-demand piezo drive system		Print Resolution	1440 / 1080 / 720 dpi (Total 6 modes)
Set Media	Size (WxD)	20.5 in x 14.9 in	Interface	Ethernet (10BASE-T / 100 BASE-TX)
	Height	up to 2.76 in (with standard table) up to 5.9 in (w/o standard table)	Power Requirements	AC 100-120V ± 10%, 50/60Hz ± 1Hz
		Weight	up to 2.76 in (with optional vacuum table)	Operation Noise
		up to 11.02 lbs. (w/standard table) up to 17.64 lbs. (w/o standard table)	Printable Environment	Temperature: 68-89.6 °F Humidity: 40-60%RH (non condensing)
		up to 8.82 lbs. (with optional vacuum table)	Power Consumption	Sleep Mode: 20W or less Ready to Print: 40W or less Operation: 195W or less
Max Printable Size (WxD)	19.02 in x 12.95 in		Dimensions (WxDxH) Weight	46.77 in x 38.27 in x 23.50 in (cover closed) weight: 209.44 lbs.
Height Adjustment	PG handle			46.77 in x 38.27 in x 39.80 in (front cover opened)
Ink	Type	UV-LED Ink (UH21 ink / US 11 ink)		46.77x 40.35x 23.50 in (PG handle cover opened)
	Ink Set	4 colors (C, M, Y, K) 6 colors (C, M, Y, K, White, Varnish)	Printer Driver	Bundled
	Capacity	220ml ink cartridge (CMYK, W, V), 800ml ink bag (CMYK, V) 500ml bag (W) *Bulk ink requires an additional adaptor.	RIP Software	MUTOH VerteLith™
	No. of slots	6		
Vacuum Table	Optional			

MUTOH FLATBED UV-LED PRINTER

XpertJet 661 UF



Enhance your printing capabilities with the award-winning MUTOH VerteLith™ RIP Software and a complimentary one-year subscription to SAI Flexi DESIGN MUTOH Edition—a combined value of \$1,600. Unlock limitless design potential and embrace the future of printing today.



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. Enhance your printing capabilities with the award-winning MUTOH VerteLith™ RIP Software and a complimentary one-year subscription to SAI Flexi DESIGN MUTOH Edition—a combined value of \$1,600. Unlock limitless design potential and embrace the future of printing today. MUTOH 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

UV-LED lamp
Local Dimming
Control technology

Automatic table
height control

Variable data
printing

Partial nozzle
block activation

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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.



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.



Newly Designed Mechanism Ensures Excellent User Experience

TABLE MECHANISM FOR USER FRIENDLINESS



Automatic table height control from 0"-5.90.



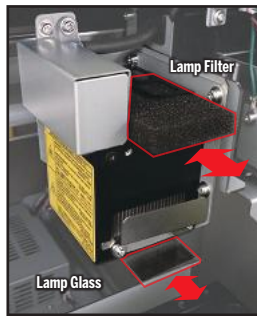
Five vacuum power control settings.

OPTIONAL ITEM



ROTARY UNIT
Enables printing on cylindrical objects.

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.

XPRTJET 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 Requirements	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	MUTOH VerteLith™
Rotary Unit	Optional

MUTOH

55" x 27" UV-LED Flatbed Printer

XpertJet 1462UF



Enhance your printing capabilities with the award-winning MUTOH VerteLith™ RIP Software and a complimentary one-year subscription to SAi Flexi DESIGN MUTOH Edition—a combined value of \$1,600. Unlock limitless design potential and embrace the future of printing today.



CMYK+White+Varnish



Printable Size
Max. 55.9" x 27.5"



Media Thickness
Max. 5.9"



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 XP.J-1462UF is the ideal printer for any print shop looking for reliability, high quality, and fast speeds. Enhance your printing capabilities with the award-winning MUTOH VerteLith™ RIP Software and a complimentary one-year subscription to SAi Flexi DESIGN MUTOH Edition—a combined value of \$1,600. Unlock limitless design potential and embrace the future of printing today.



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™



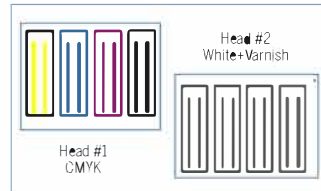
4" LED LAMPS

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.



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

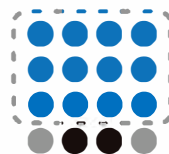
The XPJ-1462UF offers a large table area capable of printing up to 55" x 27" and objects up to 5.9" thick while holding weight of 10lbs per sq ft. Cover a wide range of applications from large signage to small golf balls all with shorter print times resulting in improved productivity.



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

NOZZLE AREA SELECT

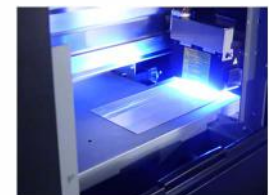
Auto-nozzle checking unit and Nozzle Area Select automatically detects missing nozzles and performs a nozzle cleaning. Nozzle Area Select temporarily prints using selected area of active nozzles when clogged nozzles may fail to recover.



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.



XPJET 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	MUTOH VerteLith™
Optional	Ionizer
Dimension	With gantry in the front position: 109" x 63" x 52.7"

MUTOH

VALUEJET 1638UH MARK II HYBRID UV-LED PRINTER



Enhance your printing capabilities with the award-winning MUTOH VerteLith™ RIP Software and a complimentary one-year subscription to SAi Flexi DESIGN MUTOH Edition—a combined value of \$1,600. Unlock limitless design potential and embrace the future of printing today.

ValueJet 1638UH Mark II



PACKAGING/PROTOTYPING

The ValueJet 1638UH II UV-LED hybrid printer represents the next generation of UV-LED printers and is ideally-suited for the production of high-quality graphics. Enhance your printing capabilities with the award-winning MUTOH VerteLith™ RIP Software and a complimentary one-year subscription to SAi Flexi DESIGN MUTOH Edition—a combined value of \$1,600. Unlock limitless design potential and embrace the future of printing today. MUTOH 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™



Optional Economy 66lb take-up system



Media Retainer



Replaceable Print Wiper



Staggered Dual Print Heads



Media Thickness Detection Sensor

MUTOH's Genuine VerteLith™ RIP software bundled with complimentary one-year subscription to SAI Flexi DESIGN MUTOH Edition optimizes the VJ-1638UH Mark II by:

- 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	MUTOH VerteLith™

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	

MUTOH
PRINT WITH PRECISION

HydrAton 1642

**A 64" PRINTER POWERED
BY A REVOLUTIONARY,
WATER-BASED UV INK
TECHNOLOGY.**



Powered by the award-winning MUTOH VerteLith™ RIP Software and a complimentary one-year subscription to SAI Flexi DESIGN MUTOH Edition, a combined value of \$1,600.

AQUAFUZE™ is a registered trademark of Fujifilm Group

AQUAFUZE Highly-Safe Water-Based UV Ink

- Low VOC Emissions
- Low Odor
- Highly-Safe Composition
- GREENGUARD Gold Certified

The HydrAton 1642 is a 64 inch Water-Based UV Dual Print Head roll-to-roll printer, introducing a new category of roll-to-roll printing with AQUAFUZE™ ink, a highly safe UV water-base ink, made using Fujifilm Group's proprietary technology for stable water dispersion of photo polymers. By combining water-based safety with UV-level durability, it delivers vibrant graphics, reduced environmental impact, and reliable performance across a range of applications. HydrAton 1642 Water-Based UV Printer is engineered for interior graphics, signage, décor, and specialty substrates.

Enhance your printing capabilities with the award-winning MUTOH VerteLith™ RIP software and a complimentary one-year subscription to SAI Flexi DESIGN MUTOH Edition, a combined value of \$1,600. Unlock limitless design potential and embrace the future of printing today.



WALLPAPER/DECOR



RETAIL SIGNAGE



VEHICLE WRAPS



BANNERS

MUTOH
PRINT WITH PRECISION

Revolutionary NEW
GREENGUARD Certified
AQUAFUZE™ Ink
Technology

Equipped with two top
of line MUTOH's
AccuFine HD printheads

66lb Take-up
Starts and Stops
Automatically
With Printing

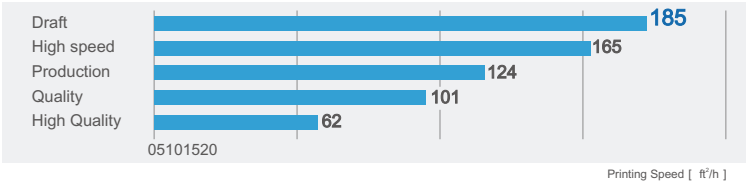
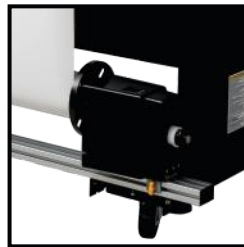
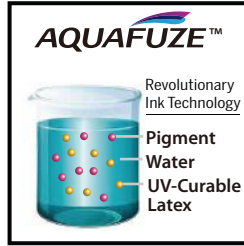
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HydrAton 1642



Award-Winning Printer with
Revolutionary Water-Based UV
AQUAFUZE™ Ink Technology



AQUAFUZE™ is a registered trademark of Fujifilm Group

Automatic Bi-D Adjustment/Automatic Media Feed Adjustment

Automates adjustments for each media type, reducing the burden on the operator

Media Roll Balance Management

Manages the remaining media with barcodes, enabling efficient media consumption and usage



Media roll balance management



Automatic media feed adjustment



High-speed printing image quality



DropMaster 2 Automatic Bi-D adjustment

Genuine RIP Software VerteLith™ Maximizes the HydrAton 1642's Performance



Tiling Function

Print overlapping tile sheets for neat seams. Panels can be divided into any size or number of panels and trim marks as well as guide lines can be added as needed.



HydrAton HA-1642

Print Head	Print method	On-demand piezo drive system
	Head height	Low: .059in (1.5mm), Middle: .078in (2.0mm), High: .098in (2.5mm)
	Number	2
Media	Roll media width	Maximum: 64in Minimum: 19.7in
	Maximum media thickness	.0393in or less is recommended
	Diameter	7.87in or less
	Core diameter	2 or 3 inches
	Weight	66lb or less
Maximum Print Width	63.5in	
Ink	Type	AQUAFUZE™ Ink
	Configuration	4 color (Cyan, Magenta, Yellow, Black)
	Capacity	1,000ml ink bag

Interface	Gb-Ethernet: 1000BASE-T
Power Supply	Voltage: AC100V 120V±10%/AC200V or 240V±10% Frequency: 50/60Hz ±1Hz
Power Consumption	Operation: 1.4kW or less, Maximum 2.7kW or less
Dimensions (W)×(D)×(H)	Body size: 109in × 35in × 56in With ink case installed: 109in × 35in × 63in
Weight	Printer body: 322lb Stand: 70.5lb Take-up unit: 17.5lb
RIP Software	Genuine RIP software VerteLith™

- All company and product names are registered trademarks of the respective companies.
- The contents of this catalogue are current as of January 2025.
- Product specifications and appearance are subject to change without notice after improvement revisions, etc.
- Some of the used images are for illustrative purposes only. They may differ from the actual printed products.

Learn more about MUTOH at www.mutoh.com

MUTOH
PRINT WITH PRECISION



XpertJet **1341WR Pro**

54" Dye-Sublimation Printer

The **XpertJet 1341WR Pro** is a high-speed 54" dye-sublimation inkjet printer built on a refined platform, inheriting the proven performance of the XpertJet series. The XPJ 1341WR Pro features a MUTOH AccuFine printhead with best-in-class dot placement accuracy and i-screen print effects, delivering smooth, banding-free output at production speeds up to 314 ft²/hr.

MUTOH DH21 dye-sublimation transfer ink provides optimum media transfer, achieving high-density colors with less ink consumption; fast ink-drying times enable printing on thinner and lighter transfer papers. Excellent jetting and color stability support prolonged print runs. DH21 ink is available in a CMYK configuration in 1,000ml high-capacity ink bags.

The XPJ 1341WR Pro delivers high-quality graphics onto a wide range of materials such as apparel, sports uniforms, flags, banners, soft signage, home décor, and more.

BUILT FOR

PROFESSIONALS

& powered by these MUTOH systems:

AccuFINE



i-screen
From the inventors of Intelligent Inkjetting



Apparel



Home Decor



Soft Signage



Promotional

XpertJet 1341WR Pro



MUTOH
PRINT WITH PRECISION



Adjustable pinch rollers



3-step carriage height



Maintenance access door

PRINTER SPECIFICATIONS

Printhead	Print Method	On-demand piezo drive system
	Printhead Height	Low: 1.5mm / Middle: 2.0mm / High: 2.5mm
	Number	1 (MUTOH AccuFine)
Media	Roll Media Width	Maximum: 53.97in (Minimum: 19.68in)
	Media Thickness	1.3mm or less
	Roll Diameter	Φ5.9 in or less
	Core Diameter	2 in or 3 in cores
	Max. Roll Weight	41.8 lbs or less
Maximum Printable Width		53.58 in
Ink	Type	Dye-sublimation ink DH21
	Color	4 Color - CMYK
	Capacity	1000ml ink bag (adapters required)
Print Resolution		1200x1200dpi
Interface		Gigabit-Ethernet (1000BASE-T) - Recommend CAT6+
Power Supply		AC100V-120V±10% (90V-132V) or 200V-240V±10% (180V-264V), Frequency: 50/60 Hz ± 1Hz
Environmental Conditions	Printer Operation	Temperature 68-89°F, Humidity 40%-60%RH (no condensation)
	Ideal Quality	Temperature 72-86°F, Humidity 40%-60%RH (no condensation)
Power Consumption		Operation: 190W or less, Sleep mode: 14W or less
External Dimensions		W 75.4 in x D 26.9 in x H 47.9 in (with cover closed)
Printer Weight		178.5 lbs (Printer body: 134.4 lbs, Stand: 44 lbs)
RIP Software		6-month trial to Wasatch SoftRIP

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.



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 rollers are effective



All pressure rollers 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

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DYE SUBLIMATION

MUTOH

DYE-SUB PRINTER

XpertJet

NEW! ACCU FINE
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 CMYK 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

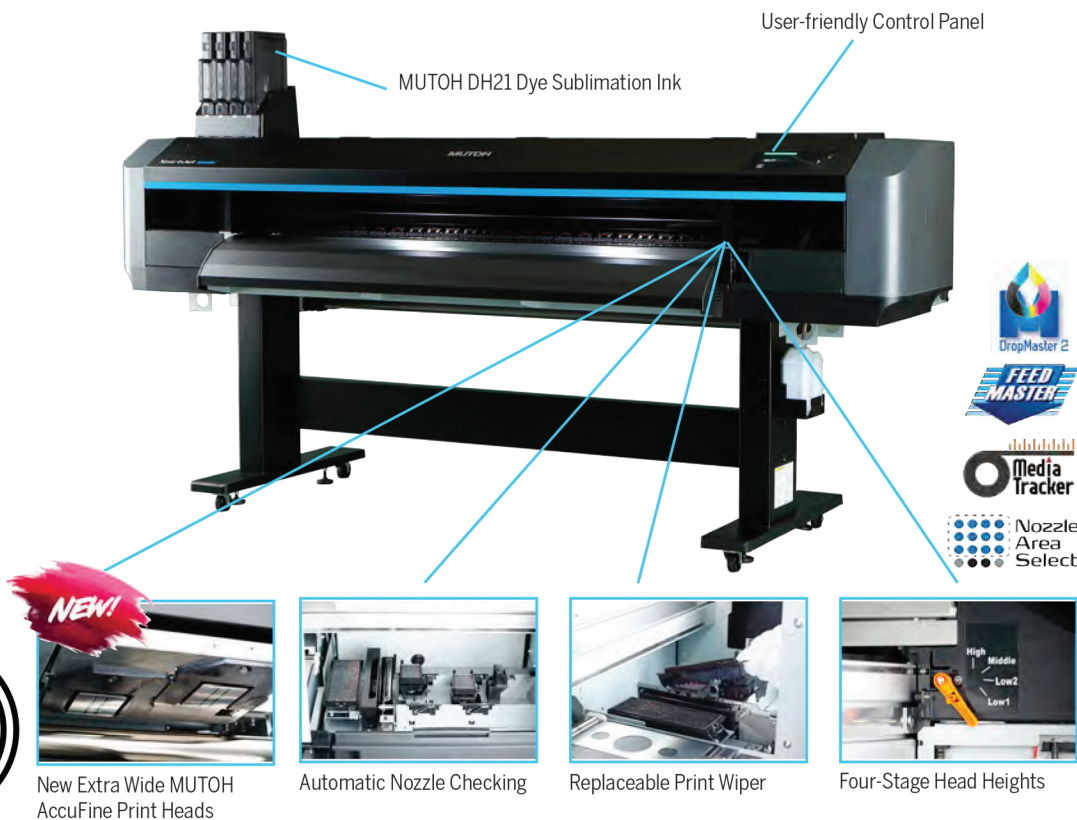
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XpertJet 1642WR Pro

MADE IN JAPAN QUALITY

All New Platform Ensures Easy Maintenance, Usability and Quality



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.

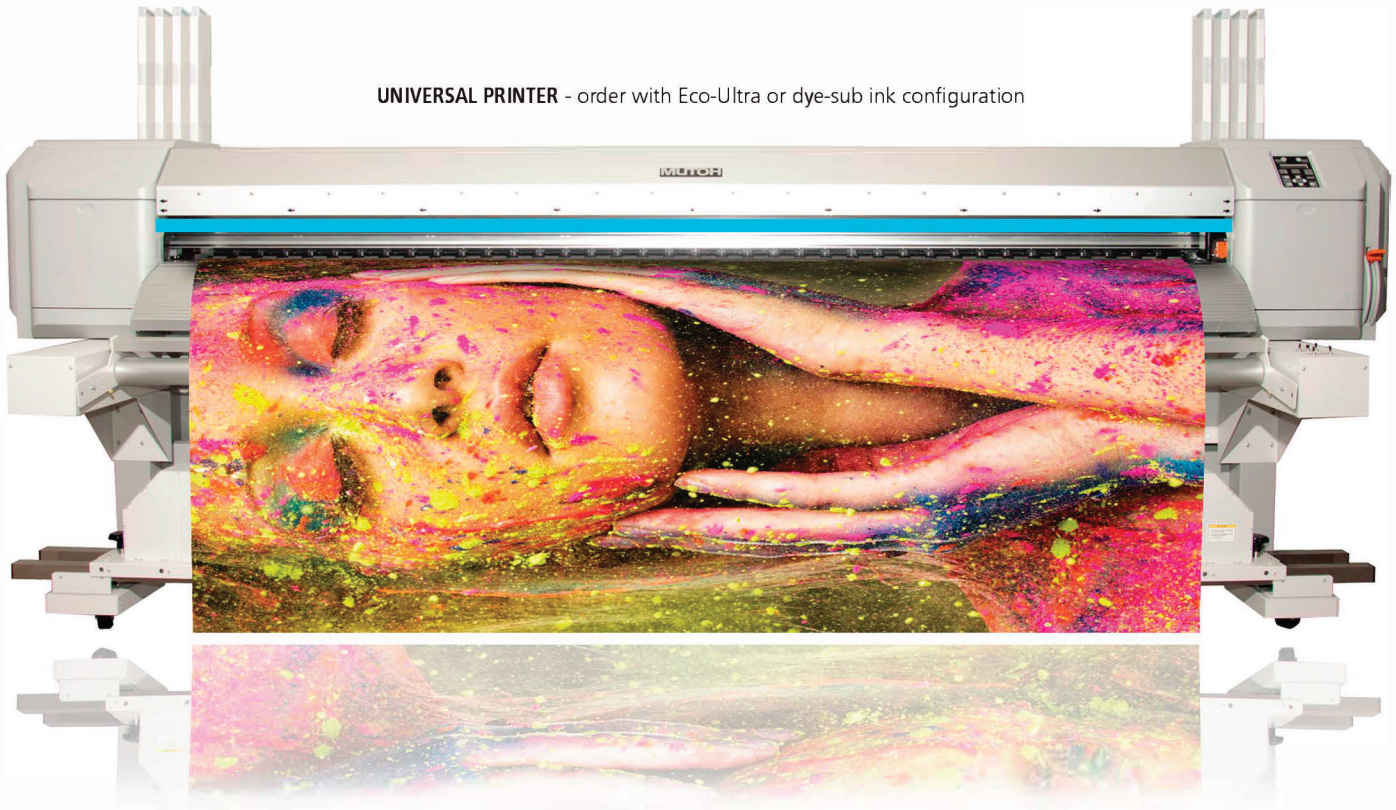
XPJ-1642WR PRO SPECIFICATIONS

MUTOH AccuFine Print Heads	Print Method	On-demand piezo drive system	Print Resolution	Max 1200 dpi
	Head Height	Four-level adjustment of Low 1: 1.5mm, Low 2: 2.0mm, Mid: 2.5mm, High: 4.0mm	Interface	Gb-Ethernet (1000BASE-T)
	Number	2 staggered	Power Requirements	AC 100-120V~ 10%/ AC 200V~240V~ 10% Frequency 50/60Hz~1Hz
Media	Max width	64 in	Power Consumption	Operation: AC100V~120V AC200V~240V, 180W or below Sleep Mode: AC100V~120V AC200V~240V, 30W or below
	Max thickness	0.04~1.0mm 0.0015-0.039in	Printable Environment	Temperature: 68-89.6°F(20-32°C) Humidity: 40-60%RH (non condensing)
	Measurements	ø7.9" or less 2 inches or 3 inches 66lbs or less	Dimensions (WxDxH)	109 in x 35 in x 56 in (cover closed) 109 in x 35 in x 68 in (with ink bag cases)
Max Print Width		63.6 in	Weight	Main body: 302 lbs. Stand: 70 lbs.
Max Print Length		4,921 ft	RIP Software	Wasatch SoftRIP
Ink	Type	DH21 Dye Sublimation Ink		
	Ink Set	4 colors (C, M, Y, K)		
	Capacity	1000 ml 2200 ml ink bags		

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



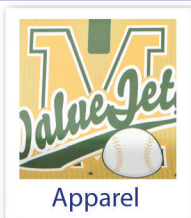
ANATOMY OF A VALUEJET 2638WX



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



- ✓ 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



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FINANCIAL SERVICES

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MUTOH

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	Media Basket (Exclude VC-600)
Spare Cutter Blade	Media Cutter
Oil Ball Point Pen	Cutter Pad x 1
SAi Flexi starter CD-ROM included	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 direction)		
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 Temperature	15°C~30°C / 59 °F~86 °F		
Environment 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

Specifications Subject to Change

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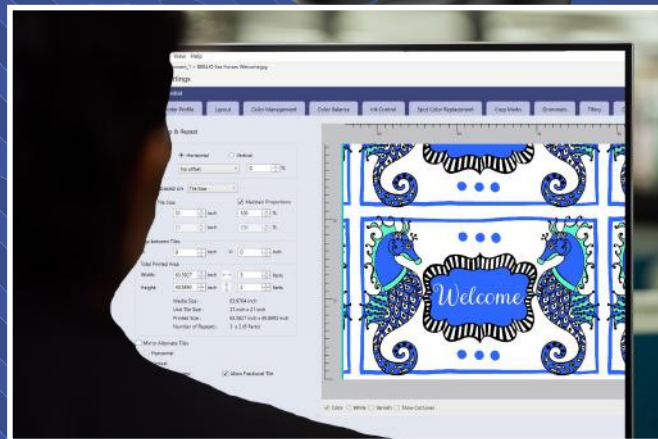


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VALUECUT II

MUTOH

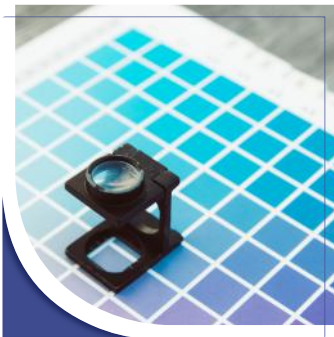
VERTELITH™ GENUINE RIP SOFTWARE



MADE FOR

PROFESSIONALS

VerteLith™, MUTOH's Award-Winning Genuine RIP Software is easy to use and designed to optimize the output of MUTOH brand printers. It 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.



PANTONE®
COATED/UNCOATED
LIBRARIES



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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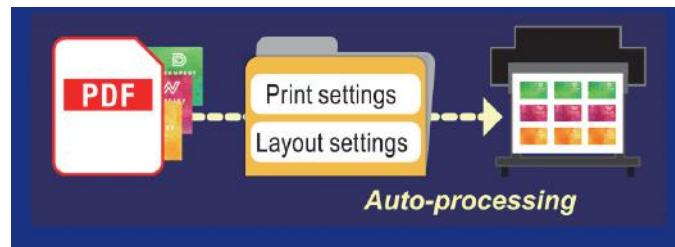
MUTOH AWARD-WINNING GENUINE RIP SOFTWARE



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

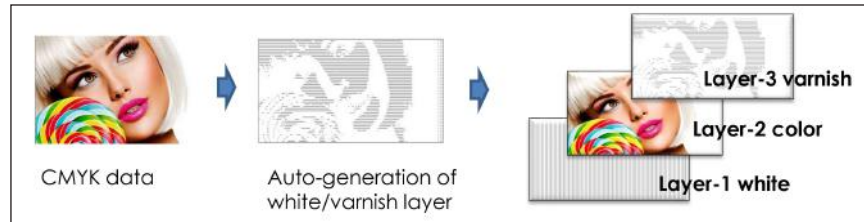


Soft Proof - simulate the color of the printed image on-screen prior to output.



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™ 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 Features of the MUTOH Genuine VerteLith 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



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