

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](#)



24" ECO-SOLVENT PRINTER & CUTTER *XpertJet C641SR Pro*

MUTOH



STICKERS/DECALS



HTV APPAREL



VEHICLE GRAPHICS



BANNERS & POSTERS

BUILT FOR PROFESSIONALS

- EASY TO SET UP
SIMPLE TO USE
- BUILT-IN CUTTER WITH
SPEEDS UP TO 150MM/S
- CONTOUR - CUTTING &
PERFORATED THROUGH CUT



Powered by



SPECIFICATIONS

The **XpertJet C641SR Pro 24"** Eco-Solvent 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 and perforated 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 XpertJet C641SR Pro offers reliability Made in Japan quality, making it the perfect choice for anyone looking to get into the print game.

- **MUTOH AccuFine printhead** provides 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.

PRINTHEAD

Printing Method	Drop-on-demand Micro Piezo Inkjet Technology
Printhead Height	Two level adjustment: Low 1.5mm High 2.8mm
Printheads	1
Max Print Resolution	900 x 1200 dpi
Max Media Width	24.8"
Media Capacity	ø 5.9"dia/2" & 3" cores/Roll media 19.8lbs or less
Max Media Thickness	Low 0.3mm High 108mm
Max Printable Width	23.3"
Cutting Speed	20-150mm/s @30-300gf
RIP Software	MUTOH's Genuine Vertelith™ RIP software

INK

Type	MS31 Eco-Solvent Ink
Ink Set	4-Color (CMYK)
Volume	220ml cartridge/1L bag(w/adapter)
No. of slots	4

AUXILIARY

Interface	Gigabit-Ethernet (10BASE-T/100BASE-TX)
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: 215W (800W peak) during operation
Dimensions (WxDxH)	Printer including stand: 46.8" x 17.2" x 14.4" cover closed
Weight	Body: 75lbs Stand: 19lbs

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.



54" ECO-SOLVENT PRINTER
XpertJet 1341SR Pro



MUTOH



STICKERS/DECALS



VEHICLE WRAPS



BANNERS &
POSTERS



INDOOR/OUTDOOR
SIGNAGE

BUILT FOR PROFESSIONALS

- ACCUFINE PRINthead
- COMPACT FOOTPRINT
- MEDIA TRACKER
- I-SCREEN INTELLIGENT INTERWEAVE TECHNOLOGY



Powered by



The MUTOH XpertJet 1341SR Pro 4-color 54" Eco-Solvent printer, with its small footprint and high-quality output, is ideally-suited for the production of vibrant graphics and signage. MUTOH 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 Intelligent Interweave 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.

- **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 HD printheads** provide faster speeds with exceptional quality.
- **Built-in sensors** for operator-driven automatic bi-directional and page feed alignments.
- **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.

SPECIFICATIONS

PRINTHEAD

Printing Method	Drop-on-demand Micro Piezo Inkjet Technology
Printhead Height	Low: 1.5mm Mid: 2mm High: 2.5mm
Printheads	1
Max Print Resolution	1200 x 1200 dpi
Print Modes	1200 dpi 900 dpi 600 dpi 300 dpi
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"
Height Adjustment	Manual
RIP software	MUTOH's Genuine VerteLith™ RIP software

INK

Type	MS31 Eco-Solvent
Ink Set	4-Color (CMYK)
Volume	220ml cart/1L bag
No. of slots	4

AUXILIARY

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)	Including stand: 75.4" x 26.9" x 47.9" cover closed
Weight	Body: 145lbs Stand: 44lbs

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64" ECO-SOLVENT PRINTER
XpertJet 1641SR Pro II



VEHICLE WRAPS



STICKERS/DECALS



BANNERS & POSTERS



INDOOR/OUTDOOR SIGNAGE

BUILT FOR PROFESSIONALS

- NEW PRINthead (UP TO 60% FASTER)
- SMART TAKE-UP (AUTO MOTOR STOP)
- IMPROVED DRYER (UP TO 20% IMPROVED)



Powered by



The MUTOH **XpertJet 1641SR Pro II** 4-color 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.

- **New AccuFine HD Pro printhead** doubles nozzle density for sharper detail and achieves up to 60% faster print speeds than the previous model.
- **Updated front dryer system increases** drying performance by 20%, enabling higher throughout.
- **Smart take-up unit** automatically stops and starts with printing, extending motor life and supporting unattended operation.
- **Feed Master sensor** provides automatic media feed adjustments for accurate advancement.
- **Nozzle Area Select** allows printing to continue using active nozzles if clogging occurs, minimizing downtime.
- **Four-stage head height adjustment** accommodates a wide range of media thicknesses.
- **Multi-stage pressure roller system** maintains optimal tension and print accuracy across various materials.

SPECIFICATIONS

PRINTHEAD

Printing Method	Drop-on-demand Micro Piezo Inkjet Technology
Printhead Height	Low1: 1.5mm Low2: 2mm Mid: 2.5mm High: 4mm
Printheads	1
Max Print Resolution	900 x 1800 dpi
Roll Media Width	Max: 63.97" Min: 19.68"
Roll Diameter	ø7.87" or less
Core Diameter	2" or 3" cores
Max Roll Weight	66lbs
Max Media Thickness	1mm
Max Printable Width	63.58"
Dimensions (WxDxH)	109" x 35.2" x 63.4" (with 1L ink case installed)
Printer Weight	381.4lbs (Body: 310.8lbs Stand: 70.5lbs)
RIP software	MUTOH's Genuine VerteLith™ RIP software

INK

Type	MS41 Eco-Solvent Ink
Ink Set	4-Color CMYK
Volume	1L Ink Bags

AUXILIARY

Interface	Gigabit-Ethernet (1000BASE-T) - Recommend CAT6+
Power Requirements	AC 100-120V± 10% (90V-132V) or 200V-240V ± 10% (180V-264V) Frequency: 50/60 Hz ± 1Hz
Printable Environment	Temperature: 68-89.6°F Humidity: 40-60%RH (non condensing) Rec. environment: Temperature: 72-86°F
Power Consumption	Operation: 812W(peak: 2.3kW) Standby: 52W or less Power off: 4W or less

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64" ECO-SOLVENT PRINTER
XpertJet 1681SR Pro



MUTOH



VEHICLE WRAPS



BANNERS & POSTERS



INDOOR/OUTDOOR
SIGNAGE



STICKERS
& DECALS

BUILT FOR PROFESSIONALS

- NEW ACCUFINE HD PRO PRINTHEAD
- SMART TAKE-UP (AUTO MOTOR STOP)
- IMPROVED DRYER (UP TO 20% IMPROVED)
- EXTENDED 8-COLOR GAMUT



Powered by



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.

- **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 HD Pro printhead** provide faster speeds with exceptional quality.
- **Built-in sensors** for operator-driven automatic bi-directional and page feed alignments.
- **Improved front dryer system** for up to 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.

SPECIFICATIONS

PRINTHEAD

Printing Method	Drop-on-demand Micro Piezo Inkjet Technology
Printhead Height	Low1: 1.5mm Low2: 2mm Mid: 2.5mm High: 4mm
Printheads	1
Max Print Resolution	900 x 1800 dpi
Roll Media Width	Max: 63.97" Min: 19.68"
Roll Diameter	ø7.87" or less
Core Diameter	2" or 3" cores
Max Roll Weight	66lbs
Max Media Thickness	1mm
Max Printable Width	63.58"
Dimensions (WxDxH)	109" x 35.2" x 63.4" (with 1L ink case installed)
Printer Weight	381.4lbs (Body: 310.8lbs Stand: 70.5lbs)
RIP software	MUTOH's Genuine VerteLith™ RIP software

INK

Type	MS41 Eco-Solvent Ink
Ink Set	8-Color CMYKLcLmLkOr
Volume	1L Ink Bags (Orange 300mL)

AUXILIARY

Interface	Gigabit-Ethernet (1000BASE-T) - Recommend CAT6+
Power Requirements	AC 100-120V± 10% (90V-132V) or 200V-240V ± 10% (180V-264V) Frequency: 50/60 Hz ± 1Hz
Printable Environment	Temperature: 68-89.6°F Humidity: 40-60%RH (non condensing) Rec. environment: Temperature: 72-86°F
Power Consumption	Operation: 812W(peak: 2.3kW) Standby: 52W or less Power off: 4W or less

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

ECO-SOLVENT PRINTER

Powered by

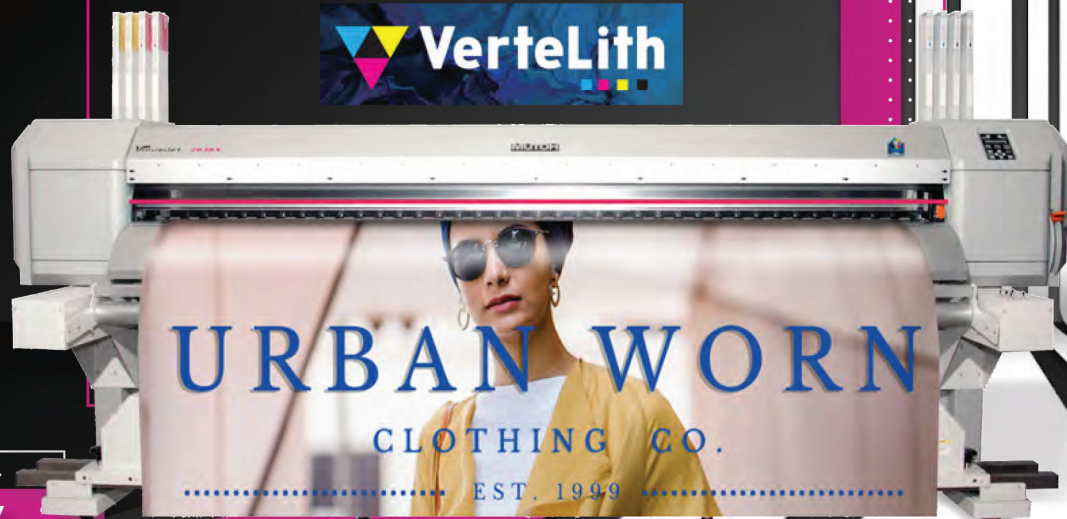


MS31
Eco-Solvent
Inks

CMYKx2
CMYK LcLmLk



2638X



BUILT FOR PROFESSIONALS

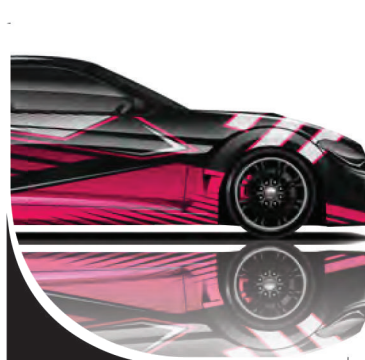
The **MUTOH ValueJet 2638X 104"** Eco-Solvent CMYKx2/CMYK LcLmLk printer, builds upon MUTOH's made in Japan reputation and delivers superior print quality and outstanding speeds at an affordable price. It is powered by MUTOH's new genuine **VerteLith™ RIP Software**, bundled with FlexiDESIGNER MUTOH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



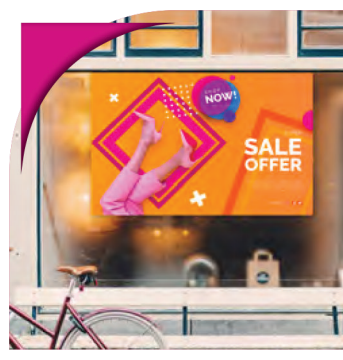
BILLBOARDS



BANNERS



WRAPS



SIGNAGE

NEW VERTELITH
RIP SOFTWARE

MULTI-STAGE
HEATER SYSTEM

USER FRIENDLY
CONTROL PANEL

i² INTELLIGENT
INTERWEAVE

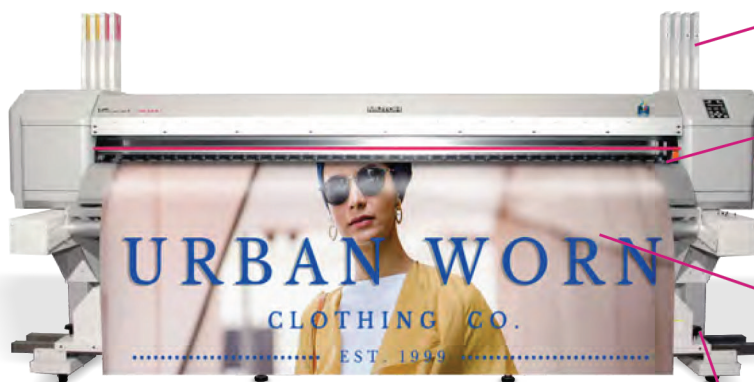
DROPMASTER INK
PLACEMENT
TECHNOLOGY

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POWERED BY VERTELITH™ RIP SOFTWARE

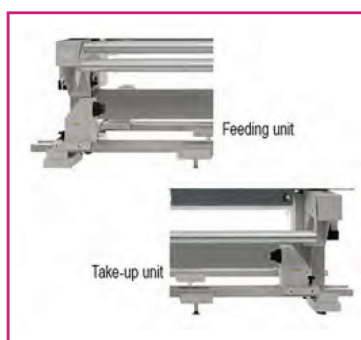
MUTOH'S GENUINE RIP SOFTWARE BUNDLED WITH FLEXIDESIGNER MUTOH EDITION 21



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

24" MULTI-PURPOSE PRINTER

ValueJet 628MP



MUTOH



LABELS



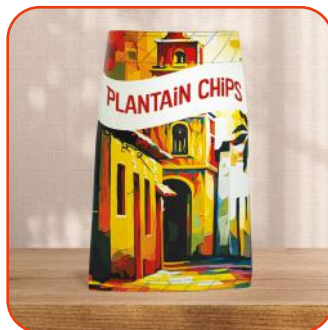
PACKAGING MOCKUP

BUILT FOR PROFESSIONALS

- ENHANCED COLOR GAMUT WITH UP TO 8 COLORS
- CREATES PRODUCTION QUALITY PACKAGING PROTOTYPES
- BLOWER HEATER



SBS PROTOTYPE



FILM/POUCH PROOFING





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, packaging 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.

- **Wider opening** for ease of daily maintenance.
- **Space saving design** with easy installation as standard equipment.
- **MP31 Ink** is resistant to heat, stretching, and blending. Ideal for packaging prototyping, vacuum/thermoforming, labels and more.
- **4-8 color configuration** to significantly expand your color gamut.

SPECIFICATIONS

PRINTHEAD

Printing Method	On-demand piezo printhead
Printhead Height	Low 1.2mm High: 2.5mm
Printheads	1
Print Resolutions	1440 dpi 1080 dpi 720 dpi
Print Modes	1200x1200dpi (1200/900/600/300dpi print modes)
Media Width	24.8"
Height Adjustment	Manual 2 step system
Max Media Thickness	1mm
Max Printable Width	24.4"
Max print speed	61.8sqft/hr
Weight	Body: 81.6lbs Stand: 19.2lbs
Dimensions	46.8" x 27" x 47.6"
RIP software	MUTOH's Genuine VerteLith™ RIP software (optional RIP software CGS ORIS or SAI Flexi for spot color inks)

INK

Type	MP31 (Multi-Purpose Ink)
Ink Set	4-Color (CMYK) 5-color (CMYKWh) 7-color (CMYKLcLmLk or CMYKorBGr) 8-color (CMYKLcLmLkWh or CMYKorBGrWh)
Volume	220ml cartridge
No. of slots	8

AUXILIARY

Interface	Gigabit-Ethernet (10BASE-T, 100BASE-TX)
Optional Accessories	Take-up unit

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MUTOH

VALUEJET 1628MH MULTI-PURPOSE PRINTER

*The most versatile
printer on the market*

mp multi purpose
INK
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



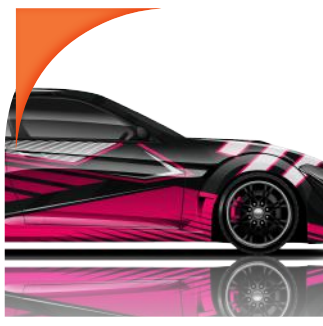
PACKAGING/PROTOTYPING

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.



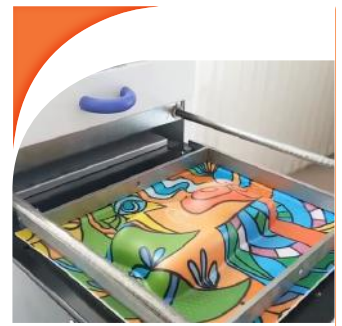
POP DISPLAYS



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

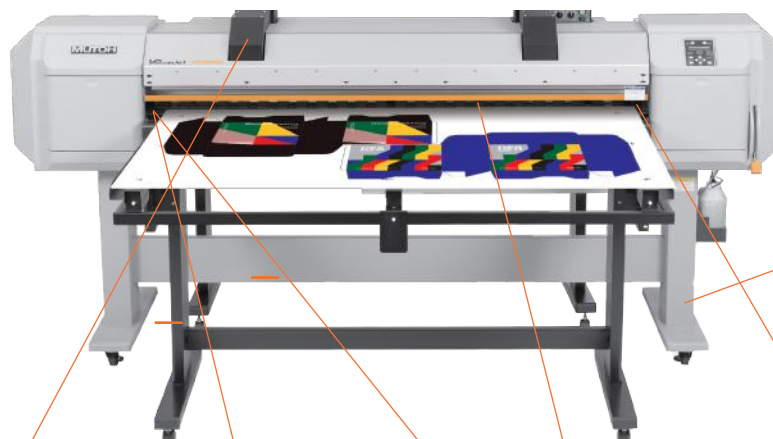
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ValueJet 1628MH

Powered by VerteLith™



Standard 66lb
Take-up System



Blower Heater



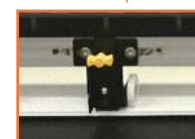
Automatic Media
Height Adjustment
Mechanism



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

19" X 13" UV PRINTER
XpertJet 461UF



MUTOH



VARIABLE PRINTING



RICH TEXTURES



GLOSS & MATTE
VARNISH



ADA BRAILLE
SIGNAGE

BUILT FOR PROFESSIONALS

- PATENTED LOCAL DIMMING CONTROL TECHNOLOGY
- REMOVABLE BED TO PRINT 5.91" HEIGHT
- UP TO 6-COLOR CONFIGURATION





Powered by



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 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.

- **LED Touch Panel** provides high quality display and improves panel operation.
- **Partial Nozzle Block Activation** allows printing to be performed temporarily using only active nozzle blocks if nozzles are clogged.
- **Print Resume Function** offers the ability to pause and resume print function.
- **Redesigned area** around UV-LED Lamp makes for easier access for maintenance.
- **High Precision Rails** on both sides keep the table horizontal and provide consistent print quality.
- **Local Dimming Control Technology** shortens print time, improves productivity, reduces grain, banding and layer printing misalignment.

SPECIFICATIONS

PRINTHEAD

Printing Method	Drop-on-demand Micro Piezo Inkjet Technology
Max Print Resolution	1440 dpi 1080 dpi 720 dpi (Total 6 modes)
Max Print Size	19.02" x 12.95"
Media Size	20.5" x 14.9"
Media Height	up to 2.76"
Media Weight	up to 11.02 lbs (w/standard table) up to 17.64 lbs (w/o standard table)
Media Capacity	ø 5.9"dia/2" & 3" cores/Roll media 66lbs or less
Media Size	19.41" x 24.41" or less
Dimensions (WxDxH)	46.77" x 38.27" x 23.5" Front cover open: 46.77" x 38.27" x 39.8"
RIP software	MUTOH's Genuine VerteLith™ RIP software

INK

Type	UV-LED Ink (Hard ink: UH21/US11)
Ink Set	4-Color(CMYK) 6-Color (CMYKWhClear)
Volume	220mL (cartridge)/ 800mL (bag) (Wh: 500mL) *bulk ink requires additional adaptor.
No. of slots	6

AUXILIARY

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	Sleep Mode: 20W or less Ready to print: 40W or less Operation: 195W or less

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.



19" X 24" UV PRINTER
XpertJet 661UF Pro



MUTOH



VARIABLE PRINTING



YARD SIGNAGE



GLOSS & MATTE
VARNISH



ADA BRAILLE
SIGNAGE

BUILT FOR PROFESSIONALS

- NEW ACCUFINE HD PRO PRINTHEAD
- LARGER BED SIZE
- UP TO 2X PRINT SPEED
- HEAVY-DUTY STAND





Powered by



The MUTOH XpertJet 661UF Pro, 6-color (CMYK + White + Clear) UV-LED flatbed printer builds on the proven reliability of the XpertJet 661UF and features the AccuFine HD Pro printhead which optimizes ink droplet shape for improved fine lines, smoother gradients, and reduced graininess. Print speeds are also up to 2x faster than the previous model.

With a larger 4-inch UV LED lamp paired with a stronger, more robust frame and dedicated stand improve stability during printing, while the increased media size of 19.02 x 24.02 inches accommodates a standard yard sign in landscape orientation. Made in Japan for lasting reliability.

Designed for demanding applications such as braille, lenticular, signage, awards and more personalized layered printing, the XpertJet 661UF Pro pairs production capability with a simpler daily workflow.

- **Redesigned area around UV-LED Lamp** makes for easier access for maintenance.
- **Increased media size (19" x 24")** for larger projects, including standard yard signs.
- **Increased media height** supports media up to 6.02" thick for a broader range of applications.
- **AccuFine HD Pro printhead** optimizes ink droplet shape for improved fine lines, reverse text, gradients, and overall print quality.
- **Up to 2x faster print speeds** increase productivity compared with the previous XpertJet 661UF.
- **Redesigned high-rigidity frame and stand** provides improved stability and durability.
- **Redesigned UV-LED lamp access area** provides easier access for maintenance.

SPECIFICATIONS

PRINTHEAD

Printing Method	Drop-on-demand Micro Piezo Inkjet Technology
Printhead Height	Four-level adjustment: 1.5mm, 2.0mm, 2.5mm, 4.0mm
Printhead	1
Max Print Resolution	1200 x 1200 dpi
Max Print Size	19.02" x 24.02"
Media Width	64"
Media Capacity	ø 5.9"dia/2" & 3" cores/Roll media 66lbs or less
Max Media Thickness	6.02"
Media Size	19.41: x 24.41" or less
Dimensions (WxDxH)	48.43" x 65.2" x 24.88" with stand: 48.43" x 65.2" x 43.58"
RIP software	MUTOH's Genuine VerteLith™ RIP software

INK

Type	UV-LED Ink (Hard ink: UH21/Soft ink: US61)
Ink Set	6-Color (CMYKWhClear) *ink set varies by region
Volume	220mL (cartridge)/ 800mL (bag) (Wh: 500mL)
No. of slots	6

AUXILIARY

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

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.



55" X 27" UV PRINTER
XpertJet 1462UF



MUTOH



VARIABLE DATA



SIGNAGE



ADA BRaille
SIGNAGE



TEXTURE &
GLOSS VARNISH

BUILT FOR PROFESSIONALS

- 4-ZONE VACUUM FLATBED
- TWO STAGGERING PRINTHEADS
- HIGH CAPACITY INK SYSTEM
- TWO 4" UV LAMPS WITH DUAL STAGGERED PRINTHEADS





Powered by



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 printheads in a staggered configuration, and prints on objects up to 5.9" thick. 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. With versatile applications from braille to personalization.

- **4" LED lamps** enable fast curing for bi-directional printing.
- **Multiple printheads** allow faster printing of 2-layers, 2.5D texture and ADA compliant braille signage.
- **The highly rigid, precision built chassis and rail mechanism** ensure accurate dot placement for reliable high-quality printing.
- **Vacuum holes and screw holes** outside the markings can be used as screw holes to secure custom jigs.
- **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.

SPECIFICATIONS

PRINTHEAD

Printing Method	Drop-on-demand Micro Piezo Inkjet Technology
Printheads	2 (staggered)
Max Print Resolution	1440 x 1440 dpi
Printable Area	55.9" x 27.5"
Max Media Thickness	5.9"
Max Media Weight	10.24 psf
Height Adjustment	Automatic
Dimensions (WxDxH)	109" x 63" x 52.7"
Optional	Ionizer
Weight	Approx. 1100lbs
RIP software	MUTOH's Genuine VerteLith™ RIP software

INK

Type	UH21 UV-LED ink
Ink Set	6-Color (CMYK,Wh,Va)
Volume	800mL bag/500mL bag(UH21 white ink only)

AUXILIARY

Interface	Gigabit-Ethernet (1000BASE-T)
Power Requirements	AC 100V to 120V±10%, 50/60Hz 1Hz
Printable Environment	Temperature: 68-89.6°F Humidity: 40-60%RH (non condensing) Rec. environment: Temperature: 72-86°F
Power Consumption	1.03kw or less

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64" HYBRID UV-LED PRINTER

ValueJet 1638UH Mark II



MUTOH



COUNTER DISPLAYS



POP DISPLAYS



YARD SIGNAGE



BANNERS

BUILT FOR PROFESSIONALS

- FLEXIBILITY TO PRINT ON ROLL/RIGID MATERIAL
- STAGGERED DUAL PRINTHEADS
- UP TO 6-COLOR CONFIGURATION
- MEDIA THICKNESS DETECTION SENSOR
- LASER ORIGIN POINTER



SPECIFICATIONS

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. 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. Tables gives this printer the power of hybrid media as it prints on both soft and rigid media.

Features of the ValueJet 1638UH Mark II includes staggered dual printheads 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.

- **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 ink.**
- **Flexible US11 ink.**
- **0.5" thick media height**
- **Included tables for rigid material**
- **Optional take-up unit**
- **White and Varnish ink options.**

PRINthead

Printing Method	Drop-on-demand Micro Piezo Inkjet Technology
Printhead Height	Automatic
Printheads	2 (staggered)
Max Print Resolution	1440 x 1440 dpi
Print Modes	1440 dpi 1080 dpi 720 dpi 360 dpi
Media Width	64"
Media Capacity	ø 5.9"dia/2" & 3" cores/Roll media 66lbs Rigid media max: 33lbs
Max Media Thickness	0.5"
Max Printable Width	63.6"
Height Adjustment	Automatic
Weight	Body: 352.7lbs Stand: 81.57lbs
Dimensions (WxDxH)	Printer including stand: 117.4" x 32.2" x 49.6" Printer w/media feed table: 117.4" x 107" x 49.6"
UV Lamp	UV-LED 2 pcs
RIP software	MUTOH's Genuine VerteLith™ RIP software

INK

Type	UV-LED Ink (flexible US11 or rigid type UH21)
Ink Set	4-Color (CMYK) 5 Color (CMYKWh/Va) 6-Color (CMYKWhVa)
Volume	220mL (CMYKWhVa) 500mL (Wh) 800mL (CMYKVa)* *500/800mL ink bags require optional adapter
No. of slots	8

AUXILIARY

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

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64" WATER-BASED UV PRINTER

HydrAton 1642



WALLPAPER/DECOR



SIGNAGE



BANNERS



VEHICLE GRAPHICS

HIGHLY-SAFE SUSTAINABLE PRINTER

- LOW VOC EMISSIONS
- SAME DAY LAMINATION
- LOW POWER CONSUMPTION
- VERSATILE MEDIA SUPPORT



Powered by



A Safer, Smarter Approach to Wide Format Printing

The **HydrAton 1642** is a 64", dual-printhead, water-based UV roll-to-roll printer, a new category of roll-to-roll printing built around a water-based UV-curable ink chemistry to deliver vibrant graphics, reduced environmental impact, and reliable performance across interior graphics, signage, décor, and specialty substrates.



*AQUAFUZE™ is a registered trademark of Fujifilm Group.

AQUAFUZE™ ink is a highly safe UV-curable water-based ink, made using Fujifilm Group's proprietary technology for stable water dispersion of photopolymers.

- **NEW GREENGUARD Gold Certified Ink Technology** — low VOC, nearly odorless output, free from GHS hazard symbols and Substances of Very High Concern (SVHC).
- **New AccuFine HD Printheads** — faster print speeds without sacrificing image quality, up to 1,200 × 2,400 dpi resolution.
- **Automatic Bi-D Adjustment / Automatic Media Feed Adjustment** — calibrates automatically for each media type, reducing operator workload.
- **Media Roll Balance Management** — barcode-based tracking for efficient media usage and less waste.
- **Automatic Start/Stop Technology** — with 66 lb take-up for uninterrupted, hands-off operation.
- **No Primers, Optimizers, or UV-Specific Laminates Required** — compatible with standard solvent lamination films, no silvering.
- **Low-Temperature Curing** — cures at 30–50°C, reducing energy costs and media shrinkage while preserving substrate texture.
- **Same Day Lamination** for a quick turn-around.

SPECIFICATIONS

PRINTHEAD

Printing Method	On-demand piezo drive system
Print head Height	Low: 1.5mm Middle: 2mm High: 2.5mm
Print Heads	2
Max Print Width	63.5"
Roll Media Width	Max: 64" Min: 19.7"
Media Width	Max: 64" Min: 19.7"
Media Capacity	ø 5.9"dia/2" & 3" cores/Roll media 66lbs or less
Max Media Thickness	0.0393"
Diameter	7.87" or less
Core Diameter	2" or 3"
Weight	66lb or less
RIP software	MUTOH's Genuine VerteLith™ RIP software

INK

Type	AQUAFUZE™ Ink
Ink Set	4-Color (CMYK)
Volume	1L Ink Bag

AUXILIARY

Interface	Gigabit-Ethernet (1000BASE-T)
Power Requirements	Voltage: AC100-120V± / AC200V or 240±10% Frequency: 50/60Hz ± 1Hz
Deminsions (W x D x H)	Body: 109" x 35" x 56" With ink case installed: 109" x 35" x 63"
Power Consumption	Operation: 1.4kW or less, Maximum 2.7kW or less
Weight	Printer Body: 322lb Stand: 70.5lb Take-up unit: 17.5lb

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.com
1.800.99.MUTOH

MUTOH
PRINT WITH PRECISION



54" DYE-SUBLIMATION PRINTER
XpertJet 1341WR Pro



MUTOH



APPAREL



HOME DECOR



SOFT SIGNAGE



FLAGS

BUILT FOR PROFESSIONALS

- ADJUSTABLE PINCH ROLLERS
- 3-STEP CARRIAGE HEIGHT
- MAINTENANCE ACCESS DOOR
- COMPACT FOOTPRINT
- DH21 DYE-SUB INK





The **XpertJet 1341WR-Pro** is a high-speed 54" dye-sublimation inkjet printer built on a refined platform that inherits the proven performance of the XpertJet series. The XPJ-1341WR-Pro features a MUTOH AccuFine print head with best-in-class dot placement accuracy and i-screen intelligent interweaving technology, 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 1L 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, custom home décor, and more.

- **MUTOH AccuFine printhead.**
- **Latest i-screen interweave patterns.**
- **AccuFine printhead.**
- **i-screen print effect technology.**
- **Drop Master 2.**
- **Feed Master.**
- **Media Tracker.**
- **Nozzle Area Select.**
- **DH21 dye-sublimation ink.**
- **44lb take-up unit (optional).**

SPECIFICATIONS

PRINTHEAD

Printing Method	Drop-on-demand Micro Piezo Inkjet Technology
Printhead Height	Low: 1.5mm Mid: 2mm High: 2.5mm
Printheads	1
Roll Media Width	Max: 53.97" Min: 19.68"
Max Roll Diameter	ø5.9"
Core Diameter	2" or 3" cores
Max Roll Weight	41.8lbs
Max Media Thickness	1.3mm
Max Printable Width	53.58"
Printer Resolution	1200 x 1200 dpi
Printer Weight	Body: 134.4lbs Stand: 44lbs
Dimensions (WxDxH)	75.4" x 26.9" x 47.9" (with cover closed)
RIP software	6-month trial to Wasatch SoftRIP

INK

Type	DH21 Dye-sublimation ink
Ink Set	4-Color (CMYK)
Volume	1L ink bag (adapters required)

AUXILIARY

Interface	Gigabit-Ethernet (1000BASE-T) Recommend CAT6+
Power Requirements	AC 100-120V± 10% (90V-132V) or 200-240V± 10% (180V-264V) Frequency: 50/60Hz ± 1Hz
Printable Environment	Temperature: 68-89°F Humidity: 40-60%RH (non condensing) Rec. environment: Temperature: 72-86°F
Power Consumption	Main: Operation status 190W or less Standby: 14W or less

Get started with a 6-month trial to Wasatch SoftRIP. The sophisticated RIP software made easy. With simple setup, intuitive workflow, and powerful print controls, SoftRIP saves you time and money while producing excellent quality color.



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



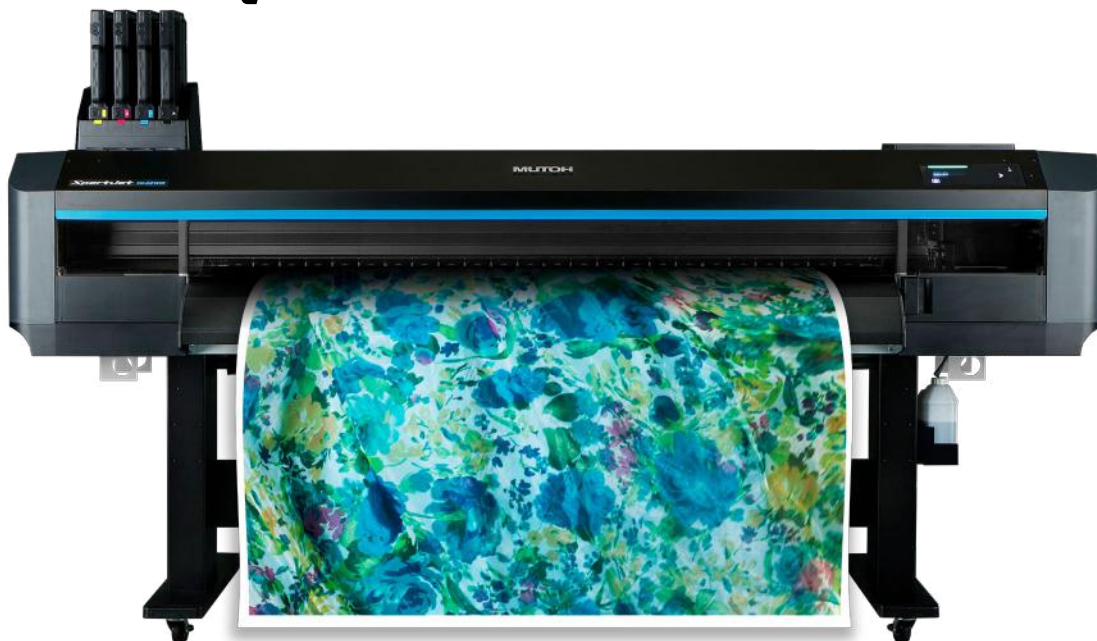
T-Shirts

Limitless Application Possibilities

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



64" DYE-SUBLIMATION PRINTER
XpertJet 1642WR



MUTOH



APPAREL



HOME DECOR



SOFT SIGNAGE



FLAGS

BUILT FOR PROFESSIONALS

- ACCUFINE PRINTHEADS
- AUTOMATIC NOZZLE AREA SELECT
- ENHANCED MEDIA HANDLING/FEED MASTER
- DH21 DYE-SUB INK





The **XpertJet 1642WR Pro 64"** is a high-speed dye-sublimation inkjet printer with an updated platform that inherits the properties of the XpertJet series. The XPJ-1642WR Pro features extra-wide MUTOH AccuFine printheads 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, promotional items.

- **Unique multi-stage pressure mechanism** feeds even thin paper roll media smoothly.
- **New extra-wide piezo MUTOH AccuFine printheads** 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.
- **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.

SPECIFICATIONS

PRINTHEAD

Printing Method	Drop-on-demand Micro Piezo Inkjet Technology
Printhead Height	Low 1: 1.5mm Low 2: 2mm Mid: 2.5mm High: 4mm
Printheads	2
Media Measurements	ø7.9" or less / 2" or 3" / 66lbs or less
Max Media Width	64"
Max Printable Length	4,921'
Max Printable Width	63.6"
Printer Resolution	1200 dpi
Printer Weight	Body: 302lbs Stand: 70lbs
Dimensions (WxDxH)	109" x 35" x 56" (with cover closed) 109" x 35" x 68" (with ink bag cases)
RIP software	6-month trial to Wasatch SoftRIP

INK

Type	DH21 Dye-sublimation ink
Ink Set	4-Color (CMYK)
Volume	1L/22L ink backs

AUXILIARY

Interface	Gigabit-Ethernet (1000BASE-T)
Power Requirements	AC 100-120V± 10% or 200-240V± 10% (180V-264V) Frequency: 50/60Hz ± 1Hz
Printable Environment	Temperature: 68-89°F Humidity: 40-60%RH (non condensing) Rec. environment: Temperature: 72-86°F
Power Consumption	Operation: AC100V-120V / AC2000V-240V, 180W or below Sleep mode: AC100V-120V / AC2000V-240V, 30W or below

Get started with a 6-month trial to Wasatch SoftRIP. The sophisticated RIP software made easy. With simple setup, intuitive workflow, and powerful print controls, SoftRIP saves you time and money while producing excellent quality color.



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



Easy to use control panel.

Automatic sheet off function.

DropMaster ink placement technology.

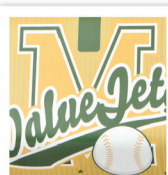
Print speeds up to 1,168 sqft/hr!

Heavy duty take-up and media cradle included.

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



MUTOH
FINANCIAL SERVICES

Specifications Subject to Change

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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	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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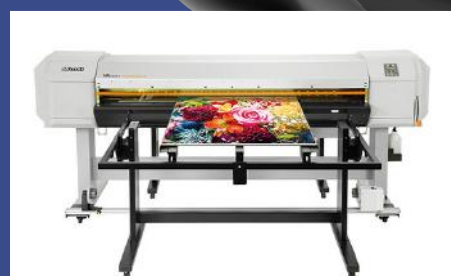
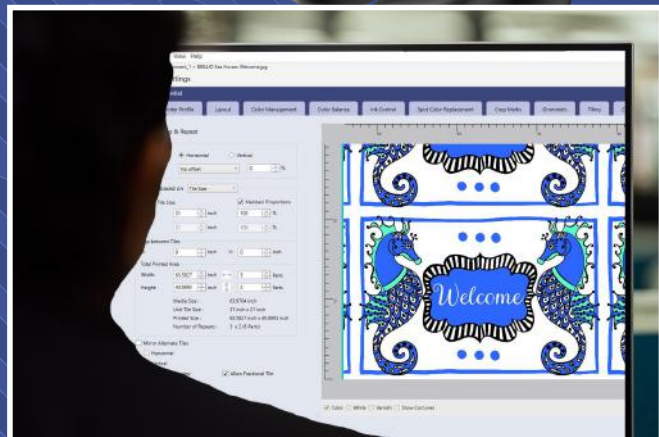
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VALUECUT II

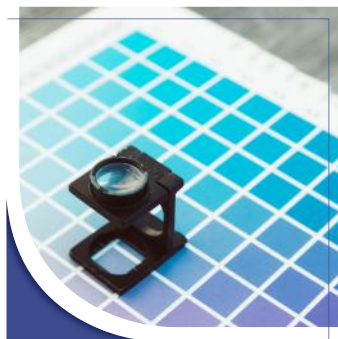
MUTOH

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

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UNCOATED LIBRARIES

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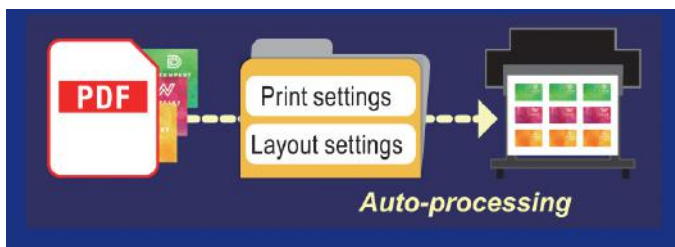
MUTOH AWARD-WINNING GENUINE RIP SOFTWARE



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

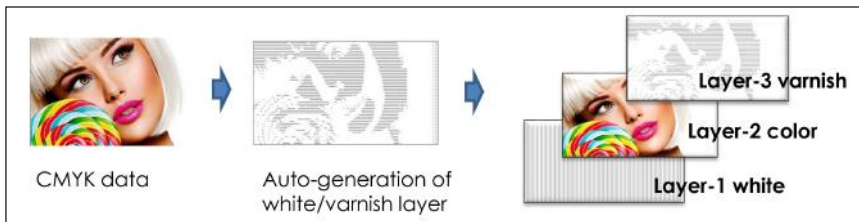


Soft Proof - simulate the color of the printed image on-screen prior to output.



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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