CMYK

CMYK
White, Varnish

ValueJet **1638UH Mark II**

Hybrid UV LED Printer — Roll-to-Roll & Rigid —

Compatible with 1625mm/64" wide roll media & up to 15mm thickness rigid media

**MUTOH's intelligent interweave print technology "i-WeaveUVEX" delivers
high density/contrast image quality while maintaining faster production speeds**

Only because of UV ink, it is possible to depict realistic textures and provide you with the possibility to various business opportunities

Versatile applications — Printable on a variety of materials, ranging from rigid media to roll media
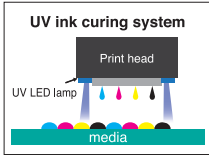
Diverse Expressiveness — Expanding the range of expression with 6 colors (CMYK + white and varnish)

Higher production capacity — UV light allows exceptional cure times and instant drying

High quality graphics and high productivity

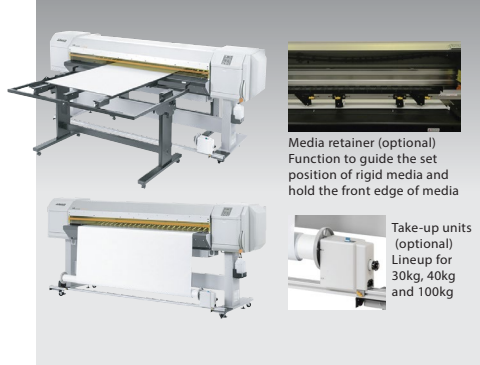**UV ink curing system**
Print head
UV LED lamp
media

The staggered dual print heads with dual UV lamps on both sides provide higher productivity which achieves the print speeds up to 22.7m2/h. The UV lamp control setting function enables the expression of delicate image for professional use.

MUTOH UV LED ink - Flexible type and rigid type

White and varnish inks enable printing on transparent media and colored materials, reducing unevenness, as well as special effect printing. MUTOH's UV ink is VOC-free, and has low odor after curing. As it's cured at low temperature, it can be used on heat-sensitive media. MUTOH's flexible UV ink is U.S. GREENGUARD Gold certified to meet the U.S. environmental standards.

Hybrid Printer provides the flexibility to print on rigid and roll media

Adopted rubber rollers increase the versatility to the rigid media. The automatic media thickness measurement and print head height adjustment allows you to print at the optimal height up to 15mm.
The media retainer is available as an option to guide the set position of rigid media and hold the front edge of media. Besides, optional take-up units make printing on roll media comfortably.

Media retainer (optional) Function to guide the set position of rigid media and hold the front edge of media

Take-up units (optional) Lineup for 30kg, 40kg and 100kg

MUTOH Genuine RIP Software (included)

Genuine RIP Software
Achives Unmatched Image Quality and Workflow Efficiency

● **High quality technology to optimize the performance of MUTOH printers**
● **Two preview functions can reduce mistakes and waste**
● **Workflow efficency**

The newly developed MUTOH intelligent interweave print technology "i-WeaveUVEx" run by MUTOH's genuine RIP software "VerteLith" reduces graininess and banding during high density printing.

Highdensity/contrast image quality while maintaining faster production speeds

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ValueJet	**VJ-1638UH MarkII**
Printing system	Drop-on-demand Micro Piezo Inkjet Technology
Print head height	Automatic
Print head	2 (staggered set-up)
Media width	Max. 1,625mm / Min. 182mm (Roll & rigid media)
Media measurements	Ø 150mm / 2" & 3" / Roll media:30kg or less Rigid media: 15kg or less
Maximum media thickness	15mm
Maximum printable width	1,615mm
UV lamp	UV LED 2 pcs

Ink	Type	UV LED ink (flexible type or rigid type)
	Ink set	4 colors(C, M, Y, K)/ 5 colors (CMYK + Cl + Va) / 6 colors (C, M, Y, K, White + Varnish)
	Volume	220ml (C, M, Y, K, White + Varnish), 500ml (White), 800ml (C, M, Y, K, Varnish) *
	No. of slot	8

Maximum print resolution	1440x1440dpi (16 pass)
Interface	Gigabit-Ethernet (1000BASE-T)
Power requirements	AC100-120V/AC200-240V±10%, 50/60Hz±1Hz
Printable environment	Temperature:20-32℃ < Recommended environment: 22-30℃ >
	Humidity: 40-60%RH (non condensing)
Electrical power consumption	<Main> Operation status: 770W or less Standby: 52W or less
Dimensions (WxDxH)	Printer including stand: 2,983x818x1,261mm
Weight	Body: 160kg Stand: 37kg

* 500/800ml bags require optional adapter.

■ Optional Items

Product model	Details
VJ16/19-TUP30	Take-up unit (Supports up to 30kg media)
VJ16/19-TUP40U	Take-up unit (Supports up to 40kg media)
VJ-19TUP100U	Take-up unit (Supports up to 100 kg media)
VJ-1617H-TBL	Media Feeding Table for Rigid Media
VJ-1617H-RLR	Media support
VJ-HCIPADPT-UV8	High capacity ink pack adapter
VJ-19-MRT	Media retainer

⚠ Do not expose your eyes and skins to the ultraviolet while printing.The UV ink (before curing) has strong skin sensitizing property. Always wear the protective plastic gloves during maintenance or disposal to avoid the skin contact with the UV ink. The UV ink is also harmful to water creatures. Do not dump this product into sewers or any body of water, and delegate disposal to an industrial waste disposal contractor.

■ Supplied products

Product name	Product model	Details	
UV LED INK (Rigid type)	UH21-BK220	Black	220ml
	UH21-CY220	Cyan	
	UH21-MA220	Magenta	
	UH21-YE220	Yellow	
	UH21-VA220	Varnish	
	UH21-WH220	White	
	UH21-BK800	Black	800ml
	UH21-CY800	Cyan	
	UH21-MA800	Magenta	
	UH21-YE800	Yellow	
	UH21-VA800	Varnish	
	UH21-WH500	White	500ml
	UH21-CL220	Cleaning fluid	220ml
UV LED INK (Flexible type)	US11-BK220	Black	220ml
	US11-CY220	Cyan	
	US11-MA220	Magenta	
	US11-YE220	Yellow	
	US11-VA220	Varnish	
	US11-WH220	White	
	US11-BK800	Black	800ml
	US11-CY800	Cyan	
	US11-MA800	Magenta	
	US11-YE800	Yellow	
	US11-VA800	Varnish	
	US11-WH500	White	500ml
	UH21-CL220	Cleaning fluid	220ml
Other optional products	VJ-ULVA1-ML500	Maintenance cleaner	
	VJ-1638UH-WIP	Wiper Set (2sets/box)	
	RH 2 clean stick	Clean stick (100pcs/box)	
	PJ-P0LYNITW2	Polyester knit wipers (300pcs/box)	
	VJ-FBPAD-U3	Flushing Absorber (3pcs/box)	

* The ink and cleaning fluid are required to purchase separately. Once the white ink configuration is set to the printer, it cannot be changed.
Prepare total 8 cartridges/bags for 4 colors of CMYK x 2 each, 5 colors of CMYK each + Varnish x 2 + CL x 2, or 6 colors of CMYK each + White x 2 + Varnish x 2.

* Ink adhesion will vary among media type and brand. Individual testing is required in function of your specific application.

* As the white ink will precipitate, please handle it according to the "Precautions for using special ink" included in the package before daily use.

⚠ **Safety Precautions**
Before the use of our products, please read the entire Operations Manual to ensure safe operations.

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