MUTOH
Creation, we make it happen...

CMYK

CMYK
White, Varnish

ValueJet 1638UR Mark II

UV LED Printer — Roll-to-Roll —

Compatible with 1625mm/64" wide roll media

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

BEAUTIFUL PRINTS, FASTER

Versatile applications — Developed for the commercial print and sign & display markets

Diverse Expressiveness — Expanding the range of options with 6 colour (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
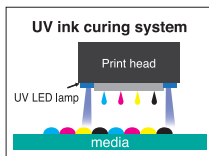
The staggered dual print heads with dual UV lamps on both sides provide higher productivity which achieves the print speeds up to 22.7m2/h. The UV lamp control setting function enables the expression of delicate image for professional use.
Lineup of take-up units support up to 30kg, 40kg and 100kg.
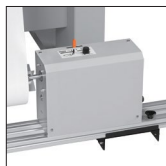
Take-up unit up to 40kg

MUTOH UV LED ink - Flexible type

It is ideal for flexible applications using roll media. 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 UV ink is U.S. GREENGUARD Gold certified to meet the U.S. environmental standards.

Multi-layer printing capability

Multi-layer printing using CMYK, white, and varnish achieves rich and various expressiveness, and brings out the potential of various applications.
*Layer printing requires a RIP software that supports layer printing. With the layer editor, colour, white, and varnish data created by the RIP can be received individually, set up to four layers in order, and sent and created at once.

User-friendly features

The VJ-1638UR Mark II improves maintenance operations and provides users easy replaceable cleaning wiper, mist filters, etc. Built-in automatic media cutter increases work efficiency.

Easy access maintenance area

Built-in automatic media cutter

MUTOH Genuine RIP Software (included)

VerteLith
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 effiency

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-1638UR MarkII
Printing system	Drop-on-demand Micro Piezo Inkjet Technology
Print head height	Low: 1.5mm High: 2.5mm (3 step system by manual)
Print head	2 (staggered set-up)
Media width	Max. 1,625mm / Min. 182mm (Roll media)
Media measurements	Ø 150mm / 2" & 3" / 30kg or less
Maximum media thickness	0.3mm for head height "low" setting 1.3mm for head height "high" setting
Maximum printable width	1,615mm
UV lamp	UV LED 2 pcs

Ink		
	Type	UV LED ink (flexible 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: 55W or less
Dimensions (WxDxH)	Printer including stand: 2,983x818x1,261mm
Weight	Body: 152kg Stand: 37kg

* 500/800ml bags require optional adapter.

⚠ 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.

■ 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 100kg media)
VJ-HCIPADPT-UV8	High capacity ink pack adapter

■ Supplied products

Product name	Product model	Details	
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 for 4 colours of CMYK x 2 each, 5 colors of CMYK each + Varnish x 2 + CL x 2, or 6 colours 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.

MUTOH

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