

MUTOH

Creation, we make it happen...

UV Ink · UV Inkjet Printer
ValueJet®

VJ-1638UH 1,625mm wide
LED-UV Printer

NEW

Rigid & Roll

MUTOH ValueJet achieves High Speed UV



While delivering high printing quality and stability as it is, achieves high production capability with the amazing high-speed printing.

MUTOH newly introduces a LED-UV inkjet printer "VJ-1638UH"

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

UV printing on coated boards!



UV printing on cardboards!



UV printing on plastic cardboards!



The staggered dual print heads and the dual UV lamps on either side of the print heads

The dual UV lamps, on either side of the print heads, provide exceptional cure times allowing for higher production capacity. The ValueJet 1638UH achieves the maximum productivity of 22.7m²/h*, which is 2.4 times faster than conventional ratio. It improves high-quality and high functional printing as the advanced printer of VJ-1626UH. * at Banner-2 mode

MUTOH's LED-UV inks, offered in CMYK plus White and Varnish; 6 colors

The white ink gives you the ability to print directly on clear or colored media. And also the varnish ink offers to reduce a sense of unevenness, and produces a flat surface with a glossy finish and smooth texture. (The proprietary RIP is required.)

In addition to the 220ml cartridge, high capacity 800ml bag for K,C,M,Y,VA and 500ml bag for white are available not to worry about the shortage of ink during printing.



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

By adopting rubber roller, increased the versatility of the rigid media. Media thickness is measured electronically and the head height is adjusted up to 15 mm thickness automatically.

The media retainer is available as an option to guide the set position of rigid media and hold the front edge of media. Besides, an optional take-up unit makes printing on the roll media quick and easy.



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

Take-up unit (option)

ValueJet Status Monitor (VSM) provides real-time monitoring on the printer status.

VSM is a software that helps MUTOH Printers to maximize the performance. A new feature of VSM; ValueJet Print Server (VPS) provides high-speed printing. * at Q1, Q2 modes

The Status Monitor allows you to check the following printer information:

- Print status information
- Ink, cartridge, head and heater system monitoring
- Firmware update, etc.

<Sign up ValueJet Club>



It requires user registration to download VSM.

<https://valuejetclub.mutoh.co.jp/mutoh/guser/>

Other Functions:

- On the ValueJet Layer Editor, multiple print data of color, white and varnish, which are created by RIP, are sent in series up to 3 layers to the printer as one job. The media is not released until all pages are finished, and the pages are overprinted on the same media all at once.
- SPECTROVUE VM-10 is a spectrophotometer which helps to save time and effort for color management.

ValueJet	VJ-1638UH
Print method	Drop-On-Demand, Micro Piezo Drive Method
Print head heights	Automatic
Max. /Min. media width	Max. 1.625mm/ Min. 182mm (Roll & Rigid Media)
Max. print width	Maximum 1,615mm (Roll & Rigid Media)
Max. Media Thickness	15mm
Max. Media Weight	Roll Media:30kg Rigid media:15kg
Roll Media Measurements	Ø 150mm / 2" * & 3" (media core)
* Due to the removal of the flange joint, the 2-inch media core can be adjusted; however, do not use the solid 2-inch core media.	
Rigid media Measurements	Max.length:1,200mm, Min. length:200mm
Ink Type	LED UV ink
Color options	CMYKx2 CMYK, White + Varnish
Ink volume	CMYK + Varnish: 220ml cartridge/ 800ml bag * White: 220ml cartridge / 500ml bag *
* 800ml / 500ml bag requires optional adapter	
Print modes	1440/1080/720dpi (Total: 8 modes)
Interface	Ethernet (10/100BASE-TX, 1000BASE-T)
UV lamp	LED-UV: 2 pcs
Power supply	AC100~240V±10% , 50/60Hz±1Hz
Noise of operation	Below 74dB
Printing environment	Temperature:22~30 °C/ Humidity:40~60%RH
Power consumption	Operation: 770W or less / Standby: 52W or less Take-up unit: 19W or less
Printer size	2,983x2,730x1,261mm (with media feeding table)
(W)x(D)x(H)	2,983x818x1,261mm (printer)
Packing size	3,165x1,150x851mm 260kg
(W)x(D)x(H)	Media feeding table F/R: 1,770x1,160x 215mm 57kg Stand: 2,462x395x250mm 42kg Take-up unit: 2,555x316x286mm 13.4kg
Main unit weight	Printer:160kg Stand:37kg Table:43kg Take-up system: 9kg

Optional Items

Product model	Details
VJ16/19-TUP30	Take-Up unit (30kg)
VJ1617H-TBL	Media Feeding Table for Rigid Media
VJ1617H-RLR	Media support
VJ-HCIPADPT-UV8	High Capacity Ink Pack Adapter
SPECTROVUE VM-10	SPECTROVUE VM-10 (Color measurement head)
VJ-19-MRT	Media retainer

* Support the color measurement by optional " SPECTROVUE VM-10".

Supplied products

Product name	Product model	Details
UV LED INK (Hard type)	VJ-LUH1-BK220U	Black
	VJ-LUH1-CY220U	Cyan
	VJ-LUH1-MA220U	Magenta
	VJ-LUH1-YE220U	Yellow
	VJ-LUH1-WH220U	White
	VJ-LUH1-VA220U	Varnish
	VJ-LUH1-BK800U	Black
	VJ-LUH1-CY800U	Cyan
	VJ-LUH1-MA800U	Magenta
	VJ-LUH1-YE800U	Yellow
	VJ-LUH1-WH500U	White
	VJ-LUH1-VA800U	Varnish
VJ-LUH1-CL220U	Cleaning fluid	220ml
Other optional products	VM-WRP	VM-10 WHITE reference (White reference plate)
	Clean stick (100)	Clean stick (100 pieces)
	VJ165TG-FB-SO3	Flushing Absorber for Eco-solvent ink in VJ-1638
	ROLYNITW	poly knit wipers (300 pieces)

* 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 colors of CMYK x 2 each or 6 colors of CMYK each + White x 2 + Varnish x 2.

* Ink adhesion should be tested before performing any possible printing.

* Shaking a loaded white ink cartridge is required everyday to prevent the sedimentation or separation of pigment.

⚠ 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.

<http://www.mutoh.co.jp/en/>



Safety Precautions

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

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