

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

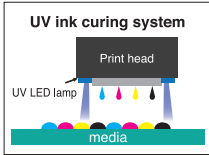
Expanding the range of expression with 6 colors (CMYK + white and varnish)

Higher production capacity

UV light allows exceptional cure times and instant drying



High quality graphics and high productivity



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)



- High quality technology to optimize the performance of MUTOH printers
- Two preview functions can reduce mistakes and waste
- Workflow efficiency

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.

High density/contrast image quality while maintaining faster production speeds



| 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°C < Recommended environment: 22-30°C > 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 |

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 | | |
| | UV LED INK (Flexible type) | UH21-WH220 | White | 800ml |
| | | UH21-BK800 | Black | |
| | | UH21-CY800 | Cyan | |
| | | UH21-MA800 | Magenta | |
| | | UH21-YE800 | Yellow | |
| UH21-VA800 | | Varnish | | |
| UH21-WH500 | | White | | |
| Other optional products | UH21-CL220 | Cleaning fluid | 220ml | |
| | US11-BK220 | Black | 220ml | |
| | US11-CY220 | Cyan | | |
| | US11-MA220 | Magenta | | |
| | US11-YE220 | Yellow | | |
| | US11-VA220 | Varnish | | |
| | Other optional products | US11-WH220 | White | 800ml |
| | | US11-BK800 | Black | |
| | | US11-CY800 | Cyan | |
| | | US11-MA800 | Magenta | |
| | | US11-YE800 | Yellow | |
| | | US11-VA800 | Varnish | |
| | | US11-WH500 | White | |
| UH21-CL220 | | Cleaning fluid | | |
| Other optional products | VJ-ULVA1-ML500 | Maintenance cleaner | | |
| | VJ-1638UH-WIP | Wiper Set (2sets/box) | | |
| | RH 2 clean stick | Clean stick (100pcs/box) | | |
| | PJ-POLYNITW2 | Polyester knit wipers (300pcs/box) | | |
| | VJ-16STG-FB-SO3 | 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.

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



Safety Precautions

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

The name of company and products mentioned are trademarks or registered trademarks. The standard prices in the catalog include no sales taxes, which must be individually determined. Specifications and outward appearances of any product therein may be changed without notice as a result of product improvement or other related reasons.

MUTOH
MUTOH INDUSTRIES LTD.

TEL: +81-3-6758-7020
FAX: +81-3-6758-7021
E-mail: ibd@mutoh.co.jp

Distributed by: