

MUTOH

Creation, we make it happen ...

ValueJet®

VJ-1627MH

MP Ink • InkJet Printer

NEW

MP31 ink preserves the original texture of substrates



mp multi purpose
31

Various print options

Flexibility to print on Rigid and Roll media even possible to print and process on the material for vacuum/thermo forming

Smooth Finish

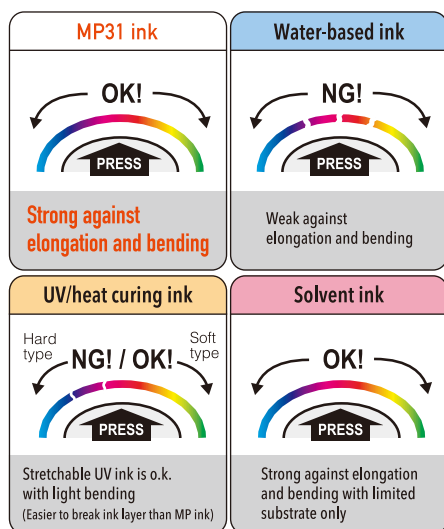
Produces smooth and natural finish preserving the original texture of substrates

High tolerance

Equivalent to eco-solvent ink in "weather resistance", "abrasion resistance" and "color development"



MUTOH multi-purpose ink "MP31 ink" provides various print option



"MP31 ink" is similar to eco-solvent ink in "weather resistance", "abrasion resistance" and "color development", and yet it produces smooth and natural finish preserving the texture of the print substrates. It is also tough against heat and elongation, and the printing surface is not easily broken even when bent. "MP31 ink" can be used to print and process on the materials for vacuum molding and thermoforming materials. It is ideal for commercial printing, industrial printing and sign & display applications.

User-friendly functional capability

Installed head protection sensor

Head protection sensor avoids crushing media and protects print head.



Automatic media height detection

Easily set the position of media and printing start point. It can printing up to 16mm (5/8") thick for expanded applications.

User replaceable cleaning wiper

Maintenance is improved by installing a user replaceable cleaning wiper.

Blower heater

Blower heater comes standard with printer and dries the printed surface with ideal warm air.



Heater temperature and wind pressure can be set/changed, so the media compatibility becomes fulfilled more and more.

Rubber pressure roller system

Rubber pressure roller system supports various types of rigid media.

Take-up systems

In addition to 30kg (66lbs) take-up system, a new 40kg (88lbs) take-up system has been introduced for increased options for roll media.



Applications designed for ease of use

Layout application tool2

Direct print via Windows driver using installed layout applications.



ValueJet Status Monitor (VSM)

The VSM provides real time monitoring on the printer status via PC and smart phone. In addition, it is now possible to operate the printer from the PC.

<Sign up ValueJet Club>

It requires user registration to download VSM.
<https://valuejetclub.mutoh.co.jp/mutoh/guser/>

FlexiSIGN & PRINT MUTOH Edition

RIP software provides easy operation from data input to output.



* For more information, contact your authorized MUTOH dealer.

ValueJet		VJ-1627MH
Printing system	On-demand piezo print head	
Print head height	Automation <max thickness: 16mm (5/8")>	
Max media width	1,625mm (63.97") / rigid and roll media	
Printable width	Max: 1,615mm (63.58") Minimum: 182mm (7.17") / rigid and roll media	
Ink	Type	MP31 ink
	Ink set	4 colors (K, C, M, Y) / 5 colors (K, C, M, Y + White)
	Volume	500ml bag (K, C, M, Y, White)
	No. of slot	7
Max. print resolution	1440x1440dpi (16 pass)	
Interface	Ethernet (10BASE-T/100BASE-TX)	
Media Measurements	Rigid media ¹ : Max.length 1,200mm (47.24") Min.length 200mm (7.87") Weight 15kg (33lbs) or less	
	Roll media: Ø 150mm (6") / 2' & 3' / weight 30kg (66lbs) or less	
Media-drying system	Blower heater system: 1200W x 2	
Power requirements	AC100-240V±10%, 50/60Hz±1Hz	
Printable environment	Temperature: 20-28°C (68-82.4°F) Humidity: 40-60%RH (non condensing)	
Electrical power consumption	Operation status: 300W, 2400W/ 2lines at AC200-240V 300W, 1200W, 1200W/ 3lines at AC100-120V	
Dimensions (WxDxH) / weight	Printer with media feeding table: 2,698x2,730x1,302mm (106"x107"x51") Printer: 167.5kg (369lbs) Stand: 33kg (72lbs) Media feeding table F/R: 43kg each (94lbs)	
Take-up system (optional)	30kg (66lbs) take-up system: 21kg (46lbs) 40kg (88lbs) take-up system: 18kg (39lbs)	
RIP software (optional)	SAI FlexiSIGN & PRINT MUTOH Edition, Onix	

¹.To print on rigid media, the optional media feeding table is required.

* Data in the specifications are subject to change without notice.

Optional Items

Product	Model	Details
VJ16/19-TUP30		Take-up system <supports up to 30kg (66lbs) media>
VJ16/19-TUP40		Take-up system <supports up to 40kg (88lbs) media>
VJ-1617H-TBL		Media feeding table for rigid media
VJ-1617H-RLR		Media support
VJ16-MRT		Media retainer

Supplied products

Product name	Product model	Details
MP31ink	MP31-BK500	Black
	MP31-CY500	Cyan
	MP31-MA500	Magenta
	MP31-YE500	Yellow
	MP31-WH500	White
	MP31-CL500	Cleaning fluid
Other optional products	MP31-1000B	Cleaning fluid
	VJ-HCIPAR	VJ Adapter Plug (20 pieces)
	RH2 Clean stick	Clean stick (100 pieces)
	POLYNITW2	Polyester knit wiper (300 pieces)
	VJ1608-FB-SO20	Absorption pad for flushing box (20 pieces)
	VJ-WIP	VJ series changeable wiper set (2 sets)

* 7 pieces of high capacity ink bag adapters and maintenance kit are included on the main unit as standard.

The ink and cleaning fluid are required to purchase separately. Once 5-colors ink configuration is set to the printer, it cannot be changed.

* Prepare total 7 bags for 4 colors of M,M,C,C,CL,K,Y or 6 colors of K,C,M,Y,CL,CL,WH.

Daily maintenance by user

In principle, VJ-1627MH cannot be turned off, and the daily maintenance by user is required everyday or after use. In the case when the printer is not used for a while, perform long-term storage maintenance or short-term storage maintenance. Please refer to "daily maintenance" in the operation manual.

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

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Safety Precautions

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