

# MUTOH

Creation, we make it happen ...



**mp** multi purpose  
**31**



CMYK

CMYK & White



CMYK LcLmLk

CMYK LcLmLk & White



CMYK OrBlGr

CMYK OrBlGr & White

## ValueJet 628MP

Multi-Purpose Ink Printer

Compatible with 630mm/24" wide media

Space-saving design. Supports up to 8C, including light-color or spot-color inks, for rich expressiveness

### Beautiful printing on a variety of materials while maintaining the natural texture

- Media Flexibility** Accommodates vacuum-forming, thermoforming processing applications due to its high resistance to heat and elongation
- Strengthening expressiveness** Produces smooth surface and natural finish, preserves the original texture of the print materials
- High tolerance** Equivalent to eco solvent ink in "weather resistance\*1", "abration resistance" and "color development"



**Mult-purpose ink "MP31" achieves media flexibility**

**MPink**

**OK!**

Strong against bending and stretching

**Latex ink**

**OK!**

Due to ink fixation at high temperature, available applications are limited

**UV ink (soft type)**

**OK!**

Strong against bending and stretching, but the printed surface is rough and less color developing

**UV ink (hard type)**

**NG!**

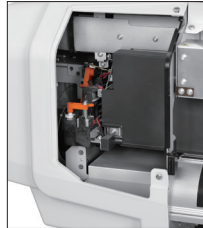
Weak against bending and stretching, and the printed surface is rough

- Equivalent to eco solvent ink in "Weather resistance"\*1, "Abrasion resistance", "coloring property" \*1 Except for orange ink
- Produces smooth surface and natural finish, preserves the original texture of the print materials
- Fit vacuum forming, thermoforming processing applications because it is resistant to heat and elongation

**User-friendly functional capability**



Brower heater accelerates gentle drying the printed surface to provide consistent print quality



Wider opening helps ease of daily maintenance



[Space saving design] Easy installation stand as standard equipment

\*10kg take-up unit is optional

**MUTOH Genuine RIP Software(Optional)**

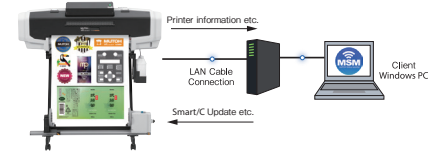


- **High quality technology to optimize the performance of MUTOH printers**
- **Two preview functions can reduce mistakes and waste**
- **Workflow efficiency**

\*VerteLith does not support spot color inks. Please contact your authorized dealer for information on supported RIP software.

**MUTOH Status Monitor (MSM) monitoring the printer's operation status in real time**

MSM enables you to confirm printing data volume, ink consumption, printing performance, statistical information, cost, etc. through the print history.



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

**ValueJet VJ-628MP**

Print head	Print technology	On-demand piezo print head
	height	Low: 1.2mm High: 2.5mm (2 step system by manual)
	Maximum media width	630mm / 24.8"
	Maximum printable width	620mm / 24.4"
Ink	Type	Multipurpose ink (MP31)
	Ink set	4 colors (K, C, M, Y)
		5 colors (K, C, M, Y, Wh)
		7 colors (K, C, M, Y, Lc, Lm, Lk) or (K, C, M, Y, Or, Bl, Gr)
		8 colors (K, C, M, Y, Lc, Lm, Lk+Wh) or (K, C, M, Y, Or, Bl, Gr+Wh)
Volume	220ml cartridge each / 500ml bag (K, C, M, Y, Wh only) *An optional adapter is required for 500ml bag.	
	No. of slot	8
	Print resolution	1,440 / 1,080 / 720 dpi (total 6 modes)
	Interface	Ethernet (10BASE-T, 100BASE-TX)
	Supported media	Sheet media : 630mm wide or less / 1 mm thickness or less Roll media : φ150mm / 2" & 3" / weight 9kg or less
	Power requirements	AC 100-120V / AC 200-240V, 50/60 Hz
	Printable environment	Temperature : 20-32°C (68-89.6°F) Humidity : 40-60%RH (non condensing)
	Electrical power consumption	<Main> Operation status: 830W or less <Blower heater> Operation status: 350W or less
	Dimensions (W × D × H)	Body including stand: 1,190 × 690 × 1,210mm (46.8" × 27" × 47.6")
	Weight	Body: 37kg (81.6lbs) / Stand: 8.7kg (19.2lbs)

**Optional Items**

Product name	Description
IJ-RIP-01	MUTOH Genuine RIP Software, VerteLith
VJ628-SR3	Scroller
VJ-HCIPADPT	High capacity ink pack adapter (4pcs)
VJ06-TUP10	Take-up unit for 10kg media

**Supplied products**

Product	Product model	Details
MP ink	MP31-BK500	Black
	MP31-CY500	Cyan
	MP31-MA500	Magenta
	MP31-YE500	Yellow
	MP31-WH500	White
	MP31-CL500	Cleaner
	MP31-BK220	Black
	MP31-CY220	Cyan
	MP31-MA220	Magenta
	MP31-YE220	Yellow
	MP31-WH220	White
	MP31-LC220	Light Cyan
	MP31-LM220	Light Magenta
	MP31-LK220	Light Black
	MP31-OR220	Orange
	MP31-BL220	Blue
MP31-GR220	Green	
MP31-CL220	Cleaner	
	MP31-CL1000B	Maintenance cleaner 1,000ml bottle
Supplied products	VJ-CB	Replacement cutter blade
	VJ-HCIPAR	VJ adapter plug (20pcs)
	VJ1608-FB-SO20	Absorption pad for flushing box (20pcs)
	RH2 clean stick	Clean stick (100pcs)
	POLYNITW2	Polyester knit wipe (300pcs)
	DROPPER 6 PACK SET	Dropper (5ml / 6pcs)
	VJ-WIP	Replaceable cleaning wiper (2pcs)

**Daily maintenance by users**

VJ-628MP should be always turned on the power. Maintenance is necessary before and after daily operation to maintain the performance of this product. And please conduct short-term storage maintenance or long-term storage maintenance while not in use. For details, please refer to "Daily Maintenance" in the Operation Manual.

<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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