

MUTOH

Creation, we make it happen...

Dye-sublimation Inkjet Printer
ValueJet[®]
VJ-1948WX 1,910mm wide **NEW**

Open a new era of high production dye-sublimation printing

The MUTOH VJ-1948WX



Brilliant color

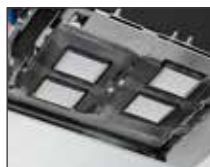
Print Speeds That Fly

Staggered

4 heads

Staggered 4 head-setup enables high-speed printing and improved productivity.
The VJ-1948WX achieves a maximum print speed of 1263sqft (117.3 m²)/h at 360x720dpi 2 pass.

Staggered 4-printhead setup



Staggered 4-head setup enables high-speed printing and improved productivity. The VJ-1948WX achieves a maximum print speed of 1,263sqft (117.3m²) * per hour.

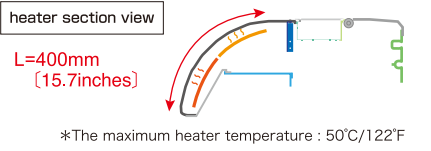
Print mode speed *...Custom print mode (high speed)

* 360×720 (2pass / Bi / None)	117.3 m ² /h
360×720 (2pass / Bi / None)	91.4 m ² /h
* 360×1080 (3pass / Bi / None)	83.2 m ² /h
* 360×1080 (3pass / Bi / Fine&Fog2)	75.9 m ² /h
* 720×720 (4pass / Bi / None)	67.7 m ² /h
* 720×720 (4pass / Bi / Fine&Fog2)	60.4 m ² /h
720×720 (4pass / Bi / Fine&Fog2)	45.6 m ² /h

Note: The above is the value of 4-color mode. The print speed in 8-color mode will be approximately the half of the value.

Built-in large dual heaters

Built-in large dual heaters provide fast dry times for increased production speeds.



The Large dual heaters are incorporated on the rear side of the front paper guide. Each heater's temperature can be set from the control panel individually, and can be checked or changed anytime without interrupting the printing operation.

Designed with advanced features

A pressure roller hold down system is equipped in both the front and rear side of the printer, and ensures easy handling by the manual lever from either of two locations. There are two pressure settings "standard" and "strong".



The pressure rollers can be raised up and down individually even when printing on thin transfer paper to avoid any wrinkles.

An optional feed and take-up system maintains stable media transportation.

*Maximum media roller weight : 100kg/220lbs



MUTOH's original dye-sublimation ink

MUTOH's original dye-sublimation ink in 4 (K,C,M,Y) and 8 colors (K,C,M,Y,Lc,Lm,Lk,LLk) deliver optimum print quality and wide color gamut. Large capacity ink bags support prolonged continuous printing.



The ValueJet Status Monitor (VSM); offered remote monitoring for MUTOH printers

The VSM helps MUTOH printers to maximize performance, and streamline your workflow.

A feature of the VSM, the ValueJet Print Server (VPS) effects high-speed and stable printing.



The VSM allows you to check the following printer information:

- Printing status
- Printing data volume
- Usage of ink
- Heater, head, cartridge, S/C card information
- The latest firmware, etc.
- Statistic information
- Cost
- Printing records

*New functions will be added in sequence.

<Sign up ValueJet Club>



It requires user registration to download VSM.

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

ValueJet		VJ-1948WX
Print head	Print technology	Drop-on-demand Micro Piezo Inkjet Technology
	Head height	Low:1.5mm/Middle:2.5mm/High:4.0mm (initial value: 1.5mm)
	No. of print head	Staggered 4-head setup
Maximum/Minimum media width		Max. 1,910mm/Min. 900mm
Maximum printable media width		1,900mm
Ink type		Dye-sublimation transfer ink
Ink	color options	4 colors : K, C, M, Y or 8 colors : K, C, M, Y, Lc, Lm, Lk, LLk
	capacity	1,000ml bag / 2,000ml bag (in preparation) ※1
	No. of slot	8 slots
Print resolution		1440/1080/720/360dpi (standard : 10 modes + custom : 19 modes)
Interface		Gigabit-Ethernet (1000BASE-T)
Media measurement		Roll media : Φ150mm / 2" & 3" / 30kg ※2
Power requirements		AC100 ~ 120V±10%, 8.5A or less×3, 50Hz/60Hz±1Hz AC200 ~ 240V±10%, 4.5A or less×3, 50Hz/60Hz±1Hz
A-property acoustic power level		approx. 69.8dB or less
Printer printable environment		Temperature 22 to 30 degrees C / Humidity 40 to 60%RH (non condensing)
Ink printable environment		Temperature 20 to 32 degrees C / Humidity 40 to 60%RH (non condensing)
Ink storage environment		-5 to 35 degrees C (non condensing) * Ink should not be frozen.
Electrical power consumption	printer	Operating Status: 600W or less (AC100 ~ 240V) Standby Mode: 91W or less (AC100 ~ 240V)
	heater	Operating Status: 1,120W or less (AC100 ~ 240V) ×2 Standby Mode: 1,110W or less (AC100 ~ 240V) ×2
Printer dimension (W) x (D) x (H)		2,983×966×1,261mm
Packing Size (W) x (D) x (H)		Printer: 3,165mm x 1,150mm x 900mm, Weight: 268kg
		Stand: 2,462mm x 395mm x 250mm, Weight: 42kg
		Feed and take-up system: 2,780mm x 1,080mm x 433mm, Weight: 159kg
Weight		Printer: 164 kg / Stand: 37 kg / Feed and take-up system: 89 kg

※1. VJ-1948WX ink bag cases are required (option).

※2. 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.

Various scenes



<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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