

Newly developed high-speed solvent inkjet printer with staggered alignment of 4 heads

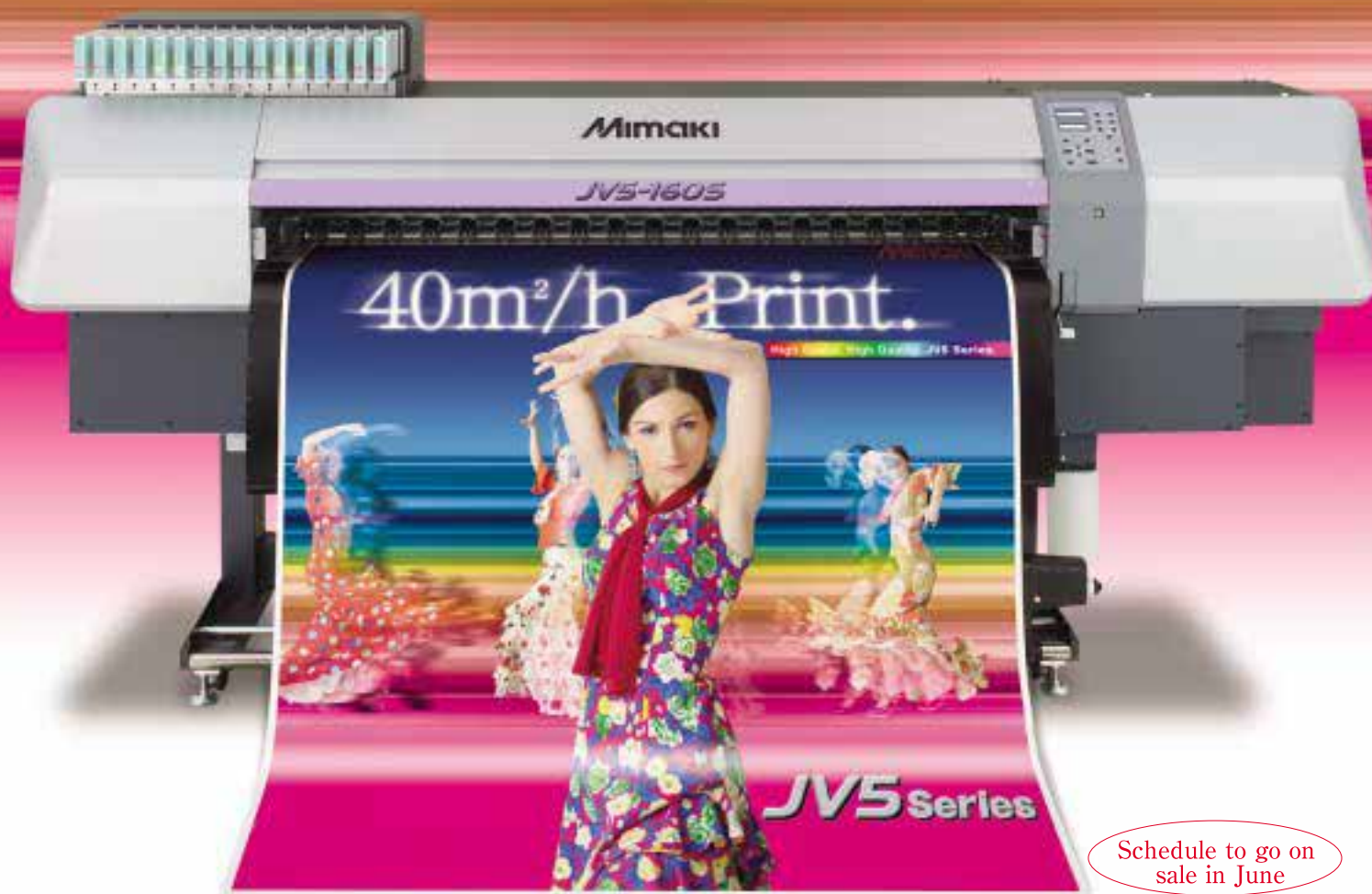
JV5 Series
JV5-130S/JV5-160S

Mimaki

Exquisitely beautiful super speed performance.

40m²/h Print.

High Speed. High Quality. JV5 Series.



Schedule to go on sale in June

High-quality images of 540 × 1,080 dpi are printed at a rate of 40m² per hour, the highest speed in the industry.*1

JV5 Series enabled high-quality printing at super-high speed. In only 90 seconds*2, you can print 1 square meter with high resolution of 540 × 1,080 dpi. The secret behind it lies in "high speed head" composed of 180 × 8 lines of nozzles and "staggered alignment of 4 heads" realized by excellent technical capability of Mimaki. Functions required at the site are fully enhanced. A lineup of 1,300mm and 1,600mm in size. An advent of exquisitely high-speed function soon.

*1: As of March 2006 (Our survey) *2: When printed by JV5-160S/4 colors



180 nozzles x 8 lines
Equipped with
"High Speed Heads"



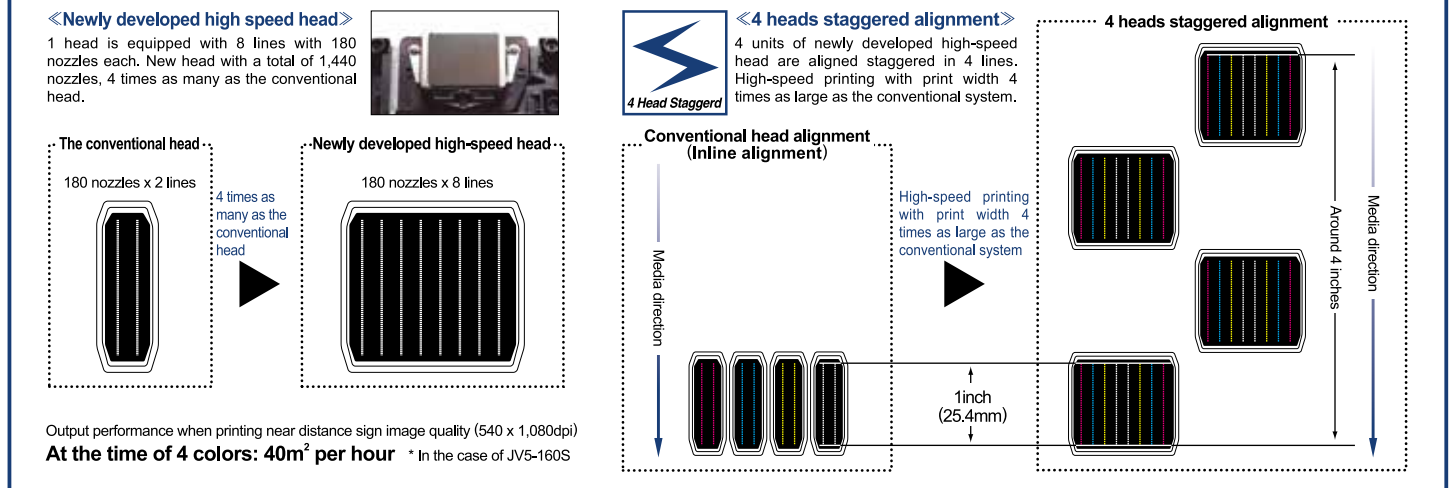
New head alignment enabling high speed and high image quality

Staggered alignment of 4 heads

Unparalleled level of production breaking down common sense. "Super-High Speed and High Image Quality". Realized a large-quantity-high-quality delivery.



Amazingly high-grade specification enabling super-high speed and high image quality.



Versatile functions of JV5 series considered from the perspective at the site

- Maximum output resolution of 1,440dpi.
- Smooth high-quality print by variable dots.
- The ink matching with the use environment and applications. (HS, ES3 ink)
*Only ES3 ink will be available at the time of releasing this product. HS ink will go on sale shortly.
- High-quality printing is realized by transferring the media smoothly without being affected the media feeding quantity by the change in roll weight.
- Equipped with automatic detection device of nozzle missing that will eliminate the waste of media and ink.
- The installation of large size after-heater accelerates the drying of the media printed at a high speed and enables its winding.

Easy-to-use interface where the operating panel and heater lamps are put together.



- The thickness of the media is automatically detected and the head gap is automatically adjusted to the designated height. Even if the thickness of the used media changes, the optimum printing results can be obtained.

The height of the head can be adjusted up to 7mm.



- Equipped with double cartridge automatic switch-over function which will enable the replacement of cartridge without stopping the printing.
- 1,760cc of ink can be loaded per one color.
- Equipped with USB2.0 interface supporting high-speed data transfer.
- Equipped with exhaust air cover and exhaust air fan as standard.
- Equipped, as standard, with automatic winding device, that will enable unmanned continuous operation.

Important! No free guarantee period is available for the main unit of JV5 series. Be sure to enter into annual maintenance agreement.

●Some of the samples in this catalogue are artificial renderings. ●Specifications, design and dimensions stated in this catalogue may be subject to change without notice for technical improvement etc. ●The corporate name and merchandise name written on this catalogue are the trade mark or registered trademark of the respective corporations. ●Inkjet printers print using extremely fine dots, so colors may vary slightly after replacement of the printing heads. ●Also note that if using multiple printer units, colors may slightly vary from one unit to other units due to slight individual difference. ●All our products are manufactured under our quality assurance system certified by ISO 9001.

Items	Specifications	
	JV5-130S	JV5-160S
Head	On demand piezo head (4 head staggered)	
Maximum printing width	1,361mm (53.6")	1,610mm (63.4")
Printing resolution	540, 720, 1,440 dpi	
Printing mode (Scan x Feed)	720 x 540dpi: 6/12 pass, Bi-directional and Uni-directional 540 x 900dpi: 10/20 pass, Bi-directional and Uni-directional	
The cases indicated with () can be made when 4 colors are loaded.	540 or 720 x 720dpi: (4)/8/16 pass, Bi-directional and Uni-directional 540 or 720 x 1,080dpi: (8)/12 pass, Bi-directional and Uni-directional 720 x 1,440dpi: (8)/16 pass, Bi-directional and Uni-directional 1,440 x 1,440dpi: (16)/32 pass, Bi-directional and Uni-directional	
Ink	Type	Proprietary solvent ink: either one of the ES3 ink or HS ink
	Supply	Supply from 2 cartridge set by Toggle Switch
	Capacity	When 8 colors are loaded: 440cc cartridge: 2cartridges/color, 880cc/1color When 4 colors are loaded: 440cc cartridge: 4 cartridges/color, 1,760cc/1color
Media specification	Size	Maximum width: 1,371mm (54") Minimum width: 297mm (11.7")
	Roll weight	38kg (83.8lbs) or below
	Drawing surface	Outside (revolute)
	Inner dia. of paper bobbin/ outer dia. of roll	2 inches, 3 inches/#200mm or below
Media cutting	Cut toward Y axis by the cutter located in the head	
Media heater	Three-way intelligent heater (PRE/PRINT/AFTER)	
Winding device	Automatic winding device, switchable (in-volute/revolute) winding, 3-inch paper bobbin	
Nozzle checking unit (NCU)	Laser system (Class 2 or below)	
Print gap	1.5mm to 7mm, non-step setting by users (Media thickness is automatically recognized.)	
Interface	USB 2.0	
Compatible specification	Good for (1) VCCI Class A, (2) FCC Class A, (3) UL 60950, (4) CE Marking (EMC Directive, Low Voltage Directive), (5) CB Report, (6) Rohs	
Power specification	AC200 to 240V±10%, 50/60Hz±1Hz, 15A or less	
Power consumption	3,600VA or less	
Operational environment	Usable temperature: 20 to 35 degrees C, Humidity 35 to 65% Rh (No condensation)	
Outer dimension (W) x (D) x (H)	2,860 x 1,200 x 1,551mm or less (113" x 47.3" x 61" or less)	3,120 x 1,200 x 1,551mm or less (123" x 47.3" x 61" or less)
Weight	270kg (595lbs) or less	290kg (639lbs) or less

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All our products are manufactured under our quality assurance system certified by ISO9001

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