LOW COST. HIGH RETURN.

Mimaki JV100-160C

Mimaki's unique Core Technologies ensure
UNATTENDED, CONTINUOUS PRINTING OPERATION COMBINED WITH THE VERY HIGHEST IMAGE QUALITY

STABLE PRODUCTION			HIGH IMAGE QUALITY		
NCU Nozzle Check Unit automatically checks nozzles and cleans them if required.	**NRS** Nozzle Recovery System automatically substitutes defective nozzles giving uninterrupted operation.	**INTELLIGENT HEATERS** 3-way intelligent heaters improve media and ink performance. Pre- and print-heaters optimise ink adhesion. Post-heaters accelerate drying.	**MAPS4** Mimaki Advanced Pass System reduces banding by dispersing ink drops between passes.	**WFC** Waveform Control utilises finely tuned frequencies to precisely shape and place individual ink drops.	**VARIABLE DOT** enables the printer to print in 3 different dot sizes to create high quality images with smooth gradations.

MIMAKI JV100-160 SPECIFICATIONS

		Mimaki JV100-160C (Cartridge model)	Mimaki JV100-160B (Bottle model)[*1]
Print head		On-demand piezo head (2 staggered printheads)	
Print resolution		360 dpi, 600 dpi, 720 dpi, 900 dpi, 1200 dpi	
Ink	Type / Colour*1	SS21 (C, M, Y, K, Lc, Lm, Lk, Or) AS5 (C, M, Y, K, Lc, Lm, Lk, Or) BS4 (C, M, Y, K)	CS250 (C, M, Y, K)
	Package size	600ml (except for SS21) / 2L ink pack[*2]	1L ink bottle
Maximum print width		1,610mm	
Media	Max. width	1,620mm	
	Thickness	Up to 1mm	
	Roll diameter	Up to 250mm	
	Roll weight	Up to 45kg	
Interface		USB2.0 / Ethernet 1000BASE-T	
Power supply		2x single-phase (AC 100~120V / 200~240V ± 10%, 50/60Hz ± 1Hz)	
Power consumption		AC100V: 1.44kW x 2 / AC200V:1.92kW x 2	
Safety standards		VCCI class A, FCC Class A, CE Marking (EMC Directive, Machinery and Low Voltage Directive), CB Certification, RoHS, RCM, EAC	
Operational environment		Temperature: 20-30°C / Humidity: 35-65% Rh (Non-condensing)	
Dimensions (W x D x H)		2,775 x 700 x 1,392mm	2,775 x 700 x 1,475mm
Weight		166kg	168kg

*1: JV100-160B model is only available in non-EU countries.
*2: 600ml ink pack is supplied in a reusable eco-case. Optional Mimaki Bulk Ink System (MBIS3) is required for using 2L ink pack.

Supplies & Options

Item	Item code
SS21 ink (CMYK, Lc, Lm, Lk, Or)	2L ink pack: SPC-0588x
AS5 ink (CMYK, Lc, Lm, Lk, Or)	600ml ink pack: AS5-x-60 / 2L ink pack: AS5-x-2L
BS4 ink (CMYK)	600ml ink pack: BS4-x-60 / 2L ink pack: BS4-x-2L
CS250 ink (CMYK)	1L bottle: CS250-x-BA
MS Cleaning Cartridge	SPC-0294 (220ml ink cartridge)
Maintenance liquid 14 (for JV100-160B)	ML014-Z-BA (1L bottle)
Mimaki Bulk Ink System (MBIS3) - only for JV100-160C	OPT-J0364 (Eco-case, Mid cartridge, Tube - 8pcs/each)
Dry fan 160 and drying fan connection kit	OPT-J0351 and OPT-J0512 (both required for installation)
Exhaust kit 160	OPT- J0353
Static prevention sheet	OPT-J0355

Specifications, designs and dimensions in this list may be subject to change without notice due to technical improvements or other modifications.

MEUJV10001-EN

EXPERT PRINTING MADE EASY
LOW COST. HIGH RETURN.

STAY ON THE PATH!

JV100-160
ECO-SOLVENT PRINTER

Mimaki

Offered at an entry-level price, the JV100-160 delivers the best print performance at the lowest running costs compared to other solvent printers in the sign printing market. Mimaki's proven technology featured in this new printer advances ease of use, and with the possibility to load 8 different colours, high definition colour reproduction comes standard.

NEW DOT ADJUSTMENT SYSTEM (DAS)

Introducing Mimaki's easy-to-operate Dot Adjustment System (DAS), which automatically performs bi-directional and media feed adjustments. This eliminates the need for manual adjustments, saving time and improving overall productivity.

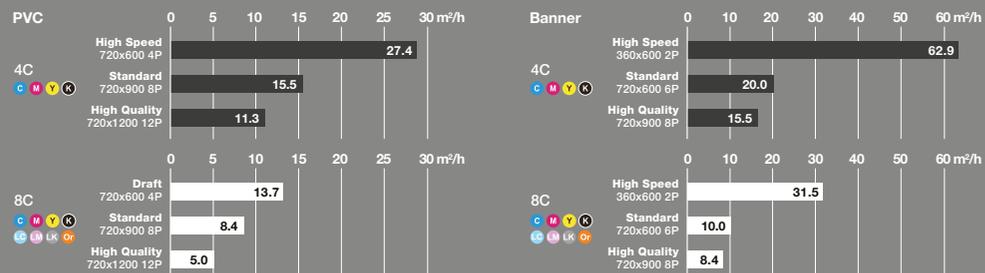* DAS may not be compatible with some media such as coloured, transparent, and embossed substrates.

With DAS

Incorrect bi-directional drop landing position

Overlap / black streaks (Insufficient paper feeding)

Gap / white streaks (Excessive paper feeding)

Correct drop landing position and paper feeding ensures the highest print quality

HIGH PRODUCTIVITY

PVC

4C (CMYK)	0	5	10	15	20	25	30 m²/h
High Speed 720x600 4P							27.4
Standard 720x900 8P				15.5			
High Quality 720x1200 12P			11.3				

8C (CMYK LM LK Or)	0	5	10	15	20	25	30 m²/h
Draft 720x600 4P				13.7			
Standard 720x900 8P		8.4					
High Quality 720x1200 12P	5.0						

Banner

4C (CMYK)	0	10	20	30	40	50	60 m²/h
High Speed 360x600 2P							62.9
Standard 720x600 6P			20.0				
High Quality 720x900 8P		15.5					

8C (CMYK LM LK Or)	0	10	20	30	40	50	60 m²/h
High Speed 360x600 2P				31.5			
Standard 720x600 6P	10.0						
High Quality 720x900 8P	8.4						

NEWLY DEVELOPED ECO-SOLVENT INKS

In addition to Mimaki's popular SS21 and BS4 inks, the JV100-160 features two new fast drying eco-solvent inks.

AS5 ink
Available in 8 colours, including Light Black and Orange, the AS5 ink significantly improves the colour gamut, covering approx. 94.8% of the PANTONE coated colour chart. The 8-colour configuration also allows you the lowest running costs in the market today. The AS5 ink is delivered in 600ml and 2L ink packs.

CS250 ink (*1)
Offered at a highly competitive price, even compared to that of third-party inks, the CS250 eco-solvent ink is delivered in 1L ink bottles to ensure longer print operation.

*1: CS250 ink is supplied in 1L bottles compatible with Mimaki JV100-160B (bottle model), available only in non-EU countries

Mimaki JV100-160B

SUSTAINABLE CHOICES THAT LOWER YOUR RUNNING COSTS

GREENGUARD

All Mimaki JV100-160 compatible inks are all GREENGUARD GOLD certified. Products that are GREENGUARD GOLD certified meet the rigorous standards for low emission of volatile organic compounds (VOCs) and ensure that a product is acceptable for use in environments such as schools and healthcare facilities.

Also available for the 600ml ink packs: reusable eco-cases, which will eliminate the disposal of plastic.

UNBEATABLE PRINT AND CUT WORKFLOW

Combine the JV100-160 with a Mimaki cutting plotter for unbeatable print and cut productivity. Mimaki's latest cutting plotters feature the new ID Cut function, which enables printer operators to contour cut multiple jobs with minimal intervention, even for jobs longer than 2 metres. Offering trouble-free, automatic cutting of consecutive jobs, the ID cut function saves time and reduces potential material waste.

ADVANCED RIP SOFTWARE

Raster Link 7

The JV100-160 comes with Mimaki's user-friendly RIP software, **Rasterlink 7**, as standard, featuring:

1. New HARLEQUIN RIP core for more accurate handling of PDF files with shadows and transparencies.

2. Up to 25% faster processing of complex PDF files.

3. Variable data printing to easily create a series of prints with dynamic variations of texts and photos.

4. Improved user interface and screen efficiency.

CREATE: Outdoor and indoor signage | Banners | Vehicle wrapping | POS displays | Window graphics | Stickers & labels   Floor graphics | Posters | Canvas | Backlit signs | Wallpaper | Transfer material and much more…