

Mimaki
AUTHORISED PARTNER

JV100-160

JV100-160B

LOW COST. HIGH RETURN.

Unbeatable Print Workflow

EXPERT PRINTING
MADE EASY



Width:1.6m

شركة النجم الرقمي للألات و المعدات
DIGITAL STAR MACHINERY AND EQUIPMENTS

SOURCE OF DIGITAL SOLUTIONS

Welcome to Digital Star, your trusted partner in the world of cutting-edge printing solutions. As a leading printing machines, materials, and ink authorized dealer in Riyadh – Saudi Arabia (KSA), we pride ourselves on delivering state-of-the-art technology that empowers to achieve unparalleled levels of efficiency and quality.

At Digital Star, we understand the pivotal role that printing machinery plays in the success of your operations. With a commitment to innovation and excellence, we curate a diverse range of top-tier printing machines to meet the unique needs of our clients. Our product line-up reflects the latest advancements in the industry.

As a responsible printing machines supplier, we prioritize sustainability. Our commitment to eco-friendly practices is reflected in the products we offer, promoting energy efficiency and environmentally conscious manufacturing processes. When you choose Digital Star, you're not just investing in cutting-edge technology – you're partnering with a company that values the planet as much as your success.

***Best A Grade Quality &
Innovative Products***

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 con-

tour 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.

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.

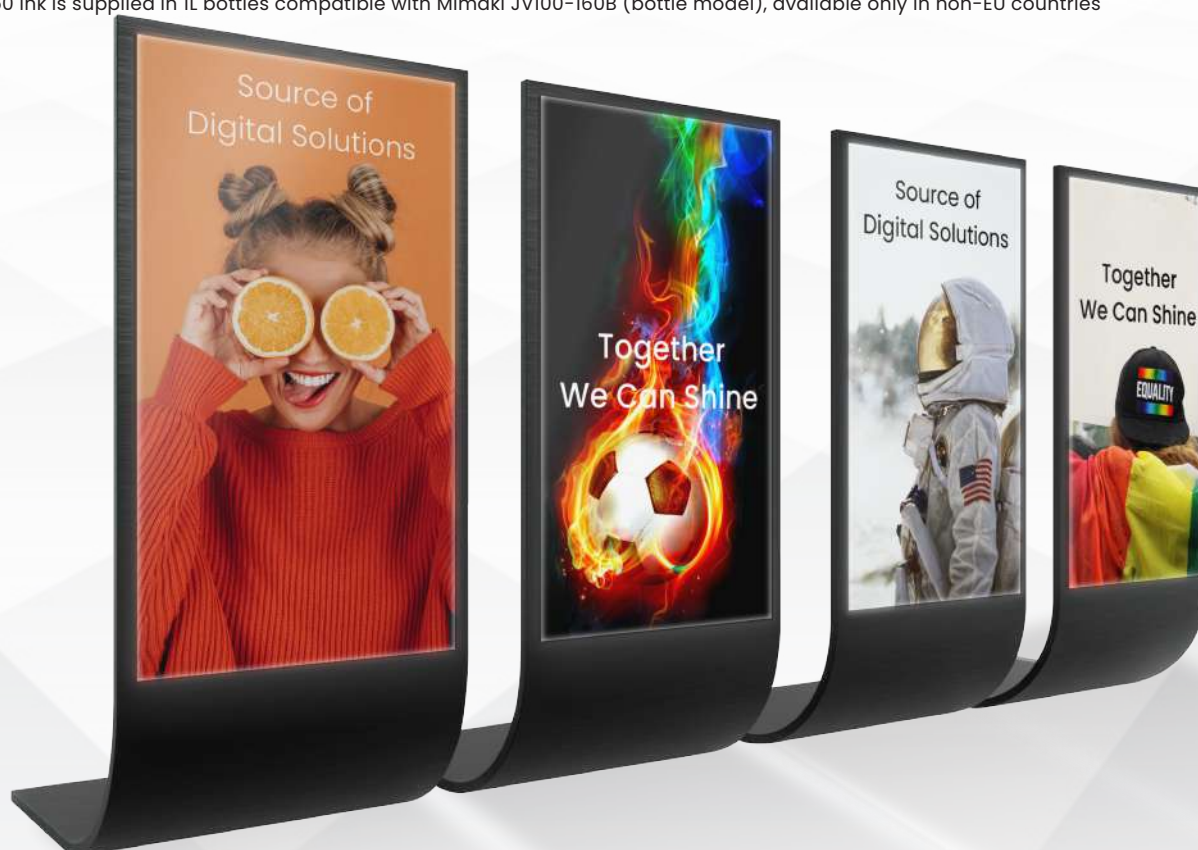
AS5 Ink

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



SUSTAINABLE CHOICES THAT LOWER YOUR RUNNING COSTS

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



GREENGUARD



MIMAKI'S UNIQUE CORE TECHNOLOGIES ENSURE

UNATTENDED, CONTINUOUS PRINTING OPERATION COMBINED WITH THE VERY HIGHEST IMAGE QUALITY

STABLE PRODUCTION



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.

ADVANCED RIP SOFTWARE

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

Raster Link 7



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 & improving overall productivity.

With DAS



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



Incorrect bi-directional drop landing position



Overlap / black streaks (Insufficient paper feeding)

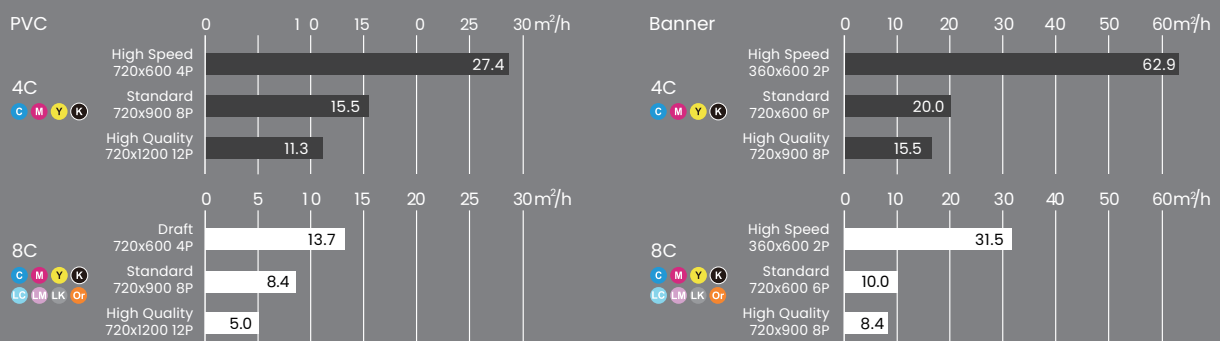


Gap / white streaks (Excessive paper feeding)

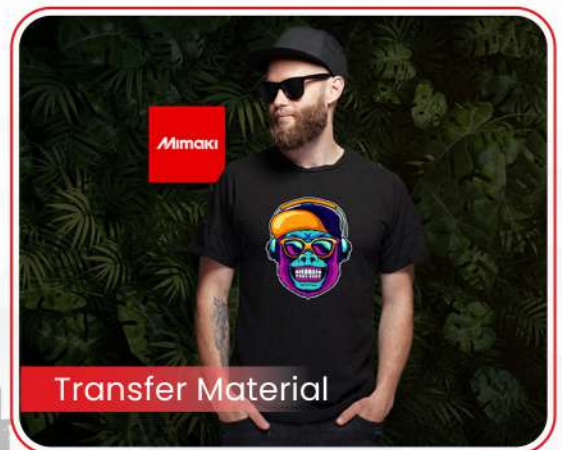
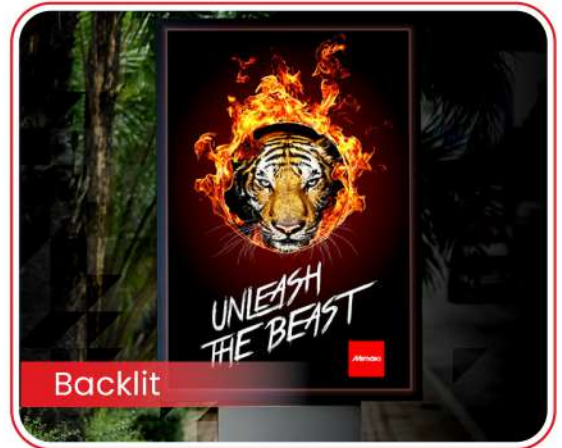
High productivity supported by high functionality allows for more order processing of short-duration work.

*JV100-160: 20.0m²/h JV150-160: 11.1m²/h (Media: PVC, Y resolution: 720dpi 6P)

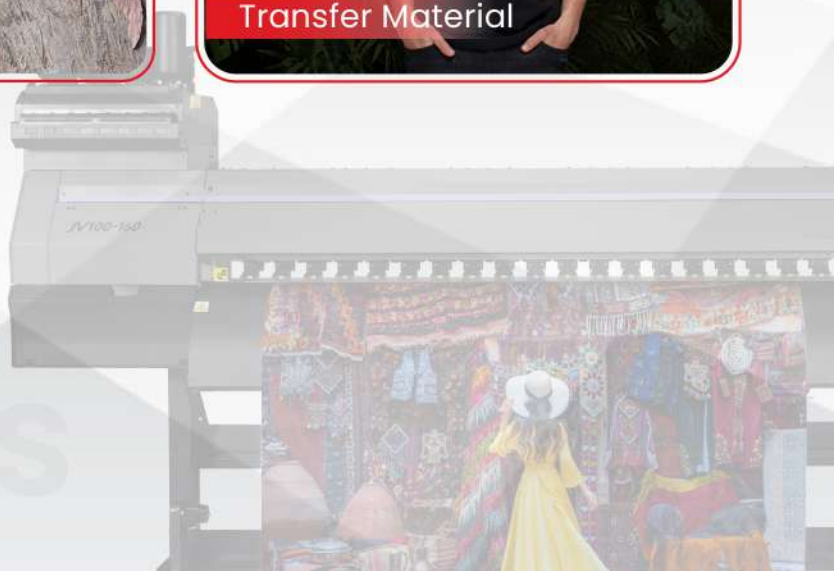
HIGH PRODUCTIVITY



Product Samples



Product
Samples



Specification

Print Head	On-demand piezo head (2 staggered printheads)	
Print Resolution	360 dpi, 600 dpi, 720 dpi, 900 dpi, 1200 dpi	
Ink	Type / Colour	CS250 (C, M, Y, K)
	Package size	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	
Oper. environment	Temperature: 20-30°C / Humidity: 35-65% Rh (Non-condensing)	
Dimensions (W × D × H)	2,775 x 700 x 1,475mm	
Weight	168kg	

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

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

SYSTEM REQUIREMENTS (PC's)

Operating System*	Windows 10 (64 Bit) or Later
Processor	i7 - 2.6 GHz or faster
Memory (RAM)	Min. 8GB or More
Video Card and Monitor(VGA)	1280x1024 or Higher Resolution is Recommended
Working Hard Disk Space	1 TB SSD or more recommended
Graphics Card	2GB or more (Optional)
Optical drive	DVD-ROM
Other requirements	Ethernet connection for network capable printers
	Available USB ports and PCIE Slot
Recommended Brand	Lenovo / Dell

* Note: You can use a laptop or desktop computer

* Use the original operating system and software. If you are using pirated operating system or software, we are not responsible for any damage to Machine workings, and also the warranty terms will become void.

POWER REQUIREMENTS

Voltage Regulator	5000W Stabilizer
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JV100-160B
LOW COST. HIGH RETURN.



Terms and Conditions

01. Payment to be made in SAR currency.
02. Payment Terms : As mentioned in Quotation.
03. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
04. Any charges, duties, taxes or levies at the ports of entry will be to our account.
05. The charges of loading, boarding and local conveyance of the technician will be to our account.
06. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.
07. Digital Star Machinery and Equipments will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents & any related reasons, which is beyond our control.
08. Warranty will be 12 months from the date of installation from Digital Star Machinery and Equipments. Wear and tear, consumables are exempted and warranty can be claimed only if you use the Inks and Services from Digital Star Machinery and Equipments.
09. Service will be free of cost within 12 months from the date of installation.
10. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.
11. Delivery: As mentioned in quotation

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