



Sophisticated RIP Software maximizes the performance of JFX200 Series

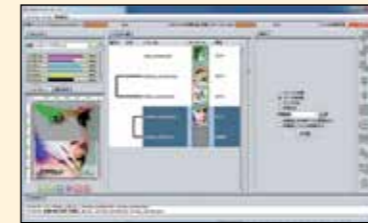
Intuitive and user-friendly operation



1. Easy to follow icons enable intuitive and user-friendly operation



2. Related settings feature in one window to simplify RIP operations with 'Register as Favourite' option available for regularly used layouts



3. Printing progress can be monitored on the main screen

Web update function is supported: This facility enables easy program updates and profile downloading to be performed via the internet.

JFX200 Series
JFX200-2513 / JFX200-2531

Twin-bed model (2.5m x 3.1m total print area)

JFX200-2531



TOGGLE PRINT FEATURE allows the loading of media on one side of the bed while printing on the other side

PRINTING

Specifications

| Item | JFX200-2513 | JFX200-2531 |
|--------------------------|--|---|
| Head | Staggered array of 2 heads | |
| Print resolution | 300, 450, 600, 900, 1,200dpi | |
| Ink | Type | LH-100 (C, M, Y, K, W, Cl) |
| | | LUS-120 (C, M, Y, K, W, Cl) |
| | | LUS-150 (C, M, Y, K, W, Cl) |
| | | LUS-200 (C, M, Y, K, W, Cl) |
| | | LUS-350 (C, M, Y, K, W, Cl) |
| Ink supply system | Supplied from 1-litre bottles for each colour | |
| | White ink circulation system using Mimaki Circulation Technology (MCT) | |
| Maximum media size | 2,500 x 1,300mm | |
| | Dimensions (WxD) | 2,500 x 1,300mm (or 2 x 1,220 x 2,440mm panels) |
| | Height | 50mm |
| Media absorption | Weight | |
| | 50 kg/m ² non concentrated load | |
| | Absorption fixed through use of a vacuum | |
| Range accuracy | Number of absorption area partitions | 2 partitions (X-axis direction) / 4 partitions (X-axis direction) |
| | Reproducibility | ±0.3mm or ±0.3% of the specified range, whichever is larger / ±0.2mm or ±0.1% of the specified range, whichever is larger |
| UV device | LED-UV system | |
| | Standard service life ² | |
| | | Over 5,000 hours |
| Interface | | USB2.0 |
| Safety standard | | VCCI class A, CE Marking, CB Report, UL (U.S. safety organization), RoHS directive, UL 60950-1, FCC class A |
| Input power supply | | Single phase, 200 V AC-240 V AC, 50Hz/60Hz, up to 15A / Single-phase AC200-240V 12A or less, 8A or less (Two inlets) |
| Power consumption | | Up to 3.6kVA / 2.88 kVA, 1.92 kVA (Total: 4.8 kVA) |
| Installation environment | Temperature | 15°C-30°C |
| | Relative humidity | 35%-65% RH |
| | Accuracy maintained temperature | 18°C-25°C |
| | Temperature gradient | Up to ±10°C/h |
| Dust | | Similar to standard office environments |
| Dimensions (WxDxH) | 4,400 x 2,450 x 1,250 mm | 4,400 x 4,290 x 1,250 mm |
| Weight | 630 kg | 1000 kg |

¹ MCT works only with white ink.

² The standard service life times listed are estimates and do not guarantee the operation.

Inks and substrates:

- Please note that properties and adhesion, weather resistance etc. of ink and substrates can vary. Therefore please test materials before printing.
- Some substrates require primer before printing. Please test materials beforehand or ask your sales representative.

Safety notice:

- You are dealing with UV light sources that may harm your health. Please follow below guidelines strictly:
- Do not look directly into the UV light source nor place your hand, or expose your skin directly to the UV light source.
 - Depending upon print mode, there might occur some VOC emissions from printed parts not yet cured and hardened
 - In addition, please read the instructions and guidelines of the manual carefully and follow those.

Some of the samples in this folder are artificial renderings • Specifications, design and dimensions stated in this folder may be subject to change without notice (for technical improvements, etc.) • The corporate and merchandise names written on this folder are the trademark of the respective corporations • Inkjet printers print using extreme fine dots, so colours may vary after replacement of the printing heads, also note that if using multiple printer units, colours could vary slightly from one unit to other unit due to slight individual differences • Composer's errors reserved

Supplies

| Item | Colour | Item No. | Remarks |
|---|---------|-------------|----------------|
| LH-100 | Cyan | LH100-C-BA | |
| | Magenta | LH100-M-BA | |
| | Yellow | LH100-Y-BA | |
| | Black | LH100-K-BA | |
| | White | LH100-W-BA | |
| | Clear | LH100-CL-BA | |
| LUS-120 | Cyan | LUS12-C-BA | |
| | Magenta | LUS12-M-BA | |
| | Yellow | LUS12-Y-BA | |
| | Black | LUS12-K-BA | |
| | White | LUS12-W-BA | |
| | Clear | LUS12-CL-BA | |
| LUS-150 | Cyan | LUS15-C-BA | 1,000ml bottle |
| | Magenta | LUS15-M-BA | |
| | Yellow | LUS15-Y-BA | |
| | Black | LUS15-K-BA | |
| | White | LUS15-W-BA | |
| | Cyan | LUS20-C-BA | |
| LUS-200 | Magenta | LUS20-M-BA | |
| | Yellow | LUS20-Y-BA | |
| | Black | LUS20-K-BA | |
| | White | LUS20-W-BA | |
| | Cyan | LUS35-C-BA | |
| | Magenta | LUS35-M-BA | |
| LUS-350 | Yellow | LUS35-Y-BA | |
| | Black | LUS35-K-BA | |
| | White | LUS35-W-BA | |
| | Clear | LUS35-CL-BA | |
| | PR-100 | PR100-Z-BA | |
| | PR-200 | PR200-Z-BA | |
| Tungsten replacement needle for ionizer | | SPA-0208 | 4 pcs |
| Air filter kit | | SPA-0209 | 10 sets |

- Ink and inkjet primer are sold in 1 Litre bottles.
- LUS150 inks can be used in combination with LH-100 clear ink.
- The amount of flexibility exhibited by LUS-150 ink may differ depending on the texture of the print media used.
- Try out the ink on a test page before proceeding with a full print job.
- Printing with LH-100 may not allow the full speed capabilities of the printer to be utilized.

Options

| Item | Item No. | Remarks |
|---------------------------------------|-----------|-------------------------------------|
| Ionizer kit (standard on JFX200-2531) | OPT-J0322 | Static eliminator kit |
| Vacuum unit (φ 1mm x 200mm) | OPT-J0217 | Single-phase, 200V-240V, 30A, 1.9kW |
| Optional blower connector kit | OPT-J0348 | |

- If the vacuum unit that comes supplied with the printer does not have enough suction power, please purchase a different vacuum unit with optional settings.
- The optional blower connector kit (OPT-J0348) sold separately is needed to connect a vacuum unit with optional settings to the JFX200-Series.
- Vacuum units also require their own power supply line separate from that for the printer itself.

INCREASED PRODUCTIVITY ...

Toggle Print feature improves performance and productivity

The JFX200-2531 has the facility to set two separate printing origin points on the larger printing area of 2.5m x 3.1m.

The Toggle Print feature allows the loading or unloading of print material on one side of the bed whilst simultaneously printing on the other side of the bed, providing considerable efficiency and productivity benefits.



Production flatbed LED UV printers...

Mimaki

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Mimaki

The world imagines... Mimaki delivers



the power to **create...**



New expanded high-performance flatbed LED UV printer range

Mimaki's class-leading JFX200 Series of flatbed LED UV printers is expanded with the addition of the JFX 200-2531 to deliver unparalleled performance and productivity for professional sign and graphics companies. A choice of bed sizes and inks, including White and Clear, offers unlimited creative opportunities, with the capability to print to a wide range of substrates. Easy to use and with a compact footprint, the JFX 200 Series maximizes productivity by providing the flexibility to use either one or two industry-standard sized boards, dependent on printer model.

ENGINEERING EXCELLENCE AND CREATIVE INNOVATION

Founded in Japan in 1975, Mimaki Engineering has steadily grown by reputation and influence into a global company with large operational bases in Asia and the Pacific, United States and Europe.

Renowned for award-winning performance, peerless build quality and innovative technology, Mimaki has established itself as a leading manufacturer of wide-format inkjet printers and cutting machines for the sign and graphics, textile and apparel and industrial markets. In addition, Mimaki also provides a comprehensive range of supporting products; hardware, software and associated consumable items, such as inks and cutting blades.

From outdoor signage and billboards to interior decoration and furnishing, from packaging and labels to promotional gifts and apparel, Mimaki is committed to developing technology that sets new industry standards, producing machines and products that turn the imagination of our customers into breath-taking reality.

... Mimaki delivers

JFX200 Series delivers ...

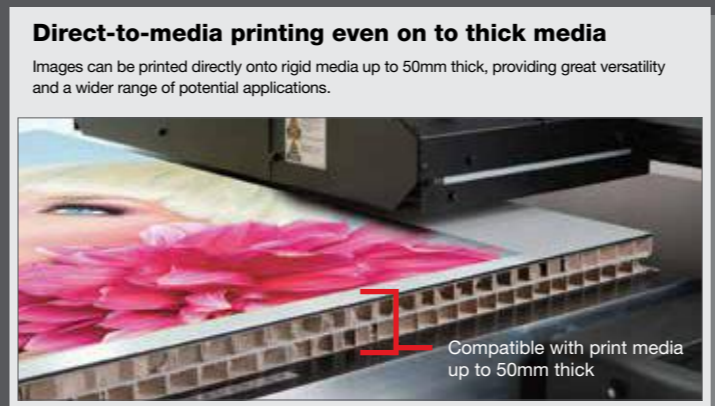
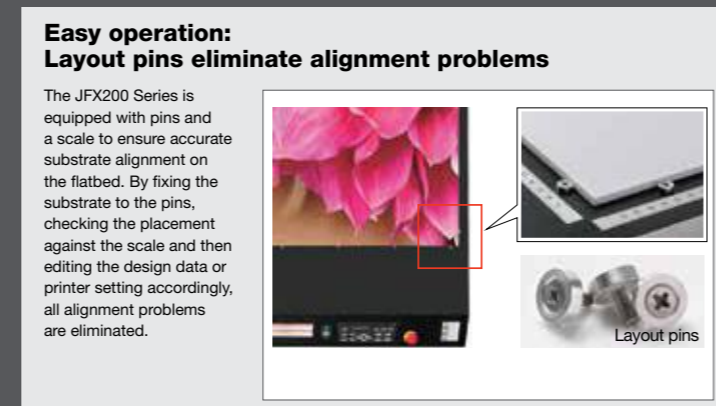
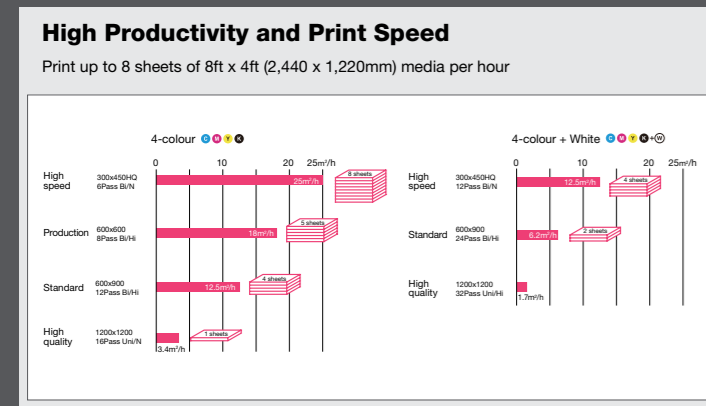
- Highly productive print speeds up to 25m²/h and 12.5m²/h with simultaneous white ink printing
- Maximum print area of 2.5 x 1.3m (JFX200-2513) / 2.5 x 3.1m (JFX200-2531)
- Toggle Print feature on JFX200-2531 allows simultaneous printing / loading & unloading of media
- Mimaki Advance Pass System reducing banding
- Layout pins simplifying the process of aligning media
- Mimaki Circulation Technology preventing pigment sedimentation of white ink
- Two layer printing with white ink to clear and coloured substrates
- Vacuum unit and high performance Rasterlink RIP software as standard

| UV LED CURABLE | |
|--|----------------------|
| 25m ² /h | MAX. PRINT SPEED |
| 2,500 x 1,300mm / 2,500 x 3,100mm | MAX. PRINT AREA |
| 1,200dpi | MAX. RESOLUTION |
| 50mm | MAX. MEDIA THICKNESS |
| FLEXIBLE/HARD INK OPTIONS | |
| UP TO 6 COLOURS + WHITE / PRIMER / CLEAR | |



Create ... Large format Signage & Graphics, including Backlit, Retail PoS, Exhibition graphics, Interior decor panels, creative displays and much more...

KEY TECHNICAL FEATURES ...



EXCEPTIONAL PRINT QUALITY ...

