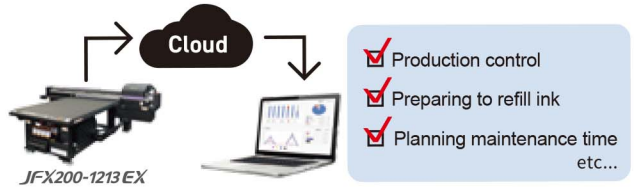


The operating status/conditions of the printer and the amounts of inks used can be monitored remotely. PICT allows you to do other work during printing, helping you to perform operations in a planned manner.

You can also schedule maintenance and preparation for ink refilling in advance.



Specifications

Item		Specifications
		JFX200-1213 EX
Head		On-demand piezo head (3 staggered print heads)
Print resolution		300 dpi, 450 dpi, 600 dpi, 900 dpi, 1,200 dpi
Ink	Type/Color	Rigid UV curable ink LH-100
	Capacity ^{*1}	Flexible UV curable ink LUS-120 / LUS-150 / LUS-211 / LUS-350 1 L bottle / 250 ml bottle
	Ink circulation system ^{*2}	White ink circulation by MCT (Mimaki Circulation Technology)
Max. Printable area (W x D)		1,270 mm x 1,300 mm
Media	Size (W x D)	1,270 mm x 1,300 mm
	Height	50 mm (2.0") or lower
	Weight	50 kg/sqm (110.2 lb/sq. ft2) or less (non concentrated load)
Media suction		Vacuum suction + foot switch
Suction areas		2 partition (X direction)
UV method		LED-UV
Interface		USB, Ethernet
Applicable standards		VCCI class A, CE mark, CB report, U.S. safety standard UL (UL62368-1), RoHS Directive, FCC Class A, Machinery Directive, EAC, RCM
Power		Single-phase AC200 to 240 V, 50/60 Hz, 12 A or lower
Power consumption		2.88 kVA
Operating environment	Temperature	15 - 30 degC (59 - 86 degF)
	Humidity	35 - 65 %Rh
	Optimal temperature	20 - 25 degC (68 - 77 degF)
	Temperature gradient	Less than ± 10 degC / h (± 18F/h)
	Dust	Equivalent to an office
Assembled dimensions (WxDxH)		3,142 mm x 2,320 mm x 1,235 mm
Weight		550 kg

Optional Accessories

Item No.	Item	Remarks
OPT-J0348	Optional blower Connector Kit	Necessary kit for connecting an optional vacuum unit
OPT-J0216	Vacuum unit (φ3 mm x 200 mm (φ 0.1 in. x 7.9 in.))	Three-phase, 200 V-240 V, 30 A, 3.4 kW
OPT-J0217	Vacuum unit (φ1 mm x 200 mm (φ 0.04 in. x 7.9 in.))	Single-phase, 200 V-240 V, 30 A, 1.9 kW
OPT-J0232	Vacuum unit (φ3 mm x 400 mm (φ 0.1 in. x 15.7 in.))	Three-phase, 380 V-480 V, 20 A, 3.4 kW
OPT-J0499	4C+4White ink applying kit	Necessary kit for 4C+4White ink set
OPT-J0513	Lift-Up Block	
OPT-J0569	Ionizer kit	

About Ethernet

*Please use Category 6 (CAT6) network cables. *Cannot be connected through the router.
*When printing from ethernet, place the printer and output PC on the same network.
*When using a switching hub, a 1000BASE-T compatible hub is necessary.
*Although up to 4 printers can be registered with RasterLink7, printing may stop depending on the network environment.

Inks and substrates:

*As physical properties of ink (adhesion, weather resistance etc.) are different depending on media, please be sure to have a print test in advance.
*Depending on the application, primers, other surface treatment or surface protection such as lamination may be necessary.

Expand capability in the combination with our cutting machines and expand its potential.

You can select an appropriate one from 4 sizes in line-up for space and application choice.

CF2 Series
CF2-T/TF/RT/TD/RC

Wide range of size and head types are available, as well as customization. We can also customize the machines. Please contact local Mimaki sales office or dealers for more details.

CF2-1218	CF2-1215	CF2-0912	CF2-0907
1,800mm x 1,200mm	1,500mm x 1,200mm	900mm x 1,200mm	900mm x 700mm



Supplies

	Color	Item No.	Remarks
LH-100	Cyan	LH100-C-BA	Ink package: 1 L bottle
	Magenta	LH100-M-BA	
	Yellow	LH100-Y-BA	
	Black	LH100-K-BA	
	Light cyan	LH100-LC-BA	
	Light magenta	LH100-LM-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	
	Magenta	LUS15-M-BA	
	Yellow	LUS15-Y-BA	
	Black	LUS15-K-BA	
	Light cyan	LUS15-LC-BA	
	Light magenta	LUS15-LM-BA	
LUS-350	Cyan	LUS35-C-BA	
	Magenta	LUS35-M-BA	
	Yellow	LUS35-Y-BA	
	Black	LUS35-K-BA	
	White	LUS35-W-BA	
	Clear	LUS35-CL-BA	
Primer ^{*3}	PR-200	PR200-Z-BA	
Tungsten replacement needle for ionizer			SPA-0208 4pcs.

*1: LH-100, LUS-120 and PR-200 come in both 250 ml and 1 L bottles.

*2: MCT works only with white ink.

*3: The PR-200 is not compatible with LUS-211 and LUS-350.

*As the stretchability of flexible ink may vary depending on materials, please have a prior test print.

*LH-100, LUS-120 and LUS-150 are GREENGUARD Gold certified ink.

For
**INDUSTRIAL
PRODUCTS**

LED-UV Curing Flatbed Inkjet Printer

Mimaki

JFX200-1213 EX

Just In Size



Middle-size flatbed (up to 1270 mm x 1300 mm)

Industry's highest class productivity of up to 25 m²/h

Even faster texture printing

High image quality printing

Single unit, various applications.



Pictograms



Displays



Commercial signage



Braille signs



Information boards



Packages

Exclusively Distributed by:



MAKATI (HEAD OFFICE)

8837 Sampaloc St., San Antonio Village,
Makati City 1203

Contact Nos.: 896-6698 / 890-2657 / 551-2162

CEBU

163 Sikatuna corner Jakosalem St.,
Brgy., Zapatera Cebu City

Contact No.: (032) 412-5661

CAGAYAN DE ORO

Goking Bldg., San Pedro St.,
Gusa, Cagayan De Oro

Contact No.: (088) 885 0410

PANGASINAN

Bypass Road Brgy. Sto Domingo
Urdaneta City, Pangasinan

Contact No.: (075) 529-2367

DAVAO

Dasi Compound Water District,
Bajada, Davao City

Contact No.: (082) 221-0921

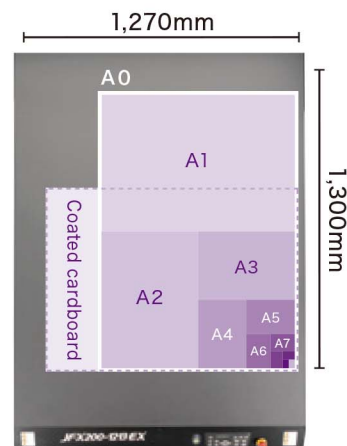
01 Middle-size flatbed (up to 1270 mm × 1300 mm)

Single unit - sign graphics
& paper package print capability

30% less than
JFX200-2513EX body size.

Even table size supports
all the international A size.

- Sign graphics use supports A0 size sign panel
- Paper and package supports standard coated cardboard size.



03 Even faster texture printing

Fast, attractive and easy, added value texture printing

Increased braille printing speed. 2 types expression capability for application requirement.

All of these can be done just with standard design software and RasterLink7. Bring texture design into shape instantly.

High-speed Braille printing
that is only possible
with Mimaki's flatbed technology



Braille (Standard mode)



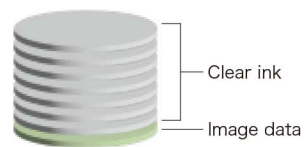
Braille (High-speed mode)



Braille signs

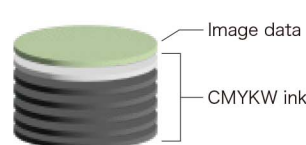
Standard mode

Braille part is constructed by clear ink emboss printing. Transparent braille dots don't interrupt the based graphic design.



High-speed mode

High-speed texture printing by bi-directional printing, utilised for braille and pictograms.



2.5D print that combines
texture print and smoother
bumps and dips



Automatically generates texture layering data based on graphic data in RasterLink7. Layers UV ink to make bumpy expressions, the thicker the layers are, highlights bumps and dips.

4 Key features

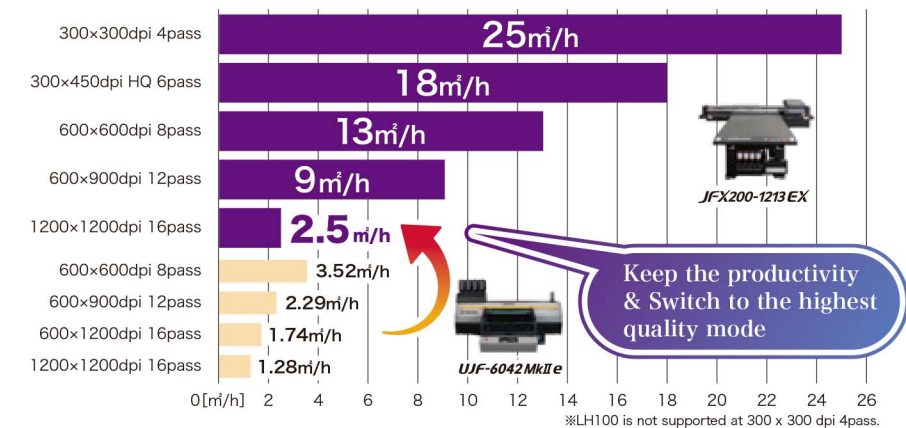


JFX200-1213 EX

02 max. 25m²/h The highest-in-class productivity

Suitable as an upgrade from a desktop UV printer

- Print speed comparison between the JFX200-1213EX and the UJF-6042MkIIle



04 High image quality printing

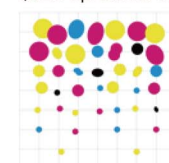
Mimaki's advanced imaging technology
realizes smooth gradation and high density print.

Fast and high quality production for custom goods, and signage.

Waveform control

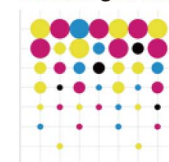
By discharging spherical ink droplets directly, depositing of droplets is facilitated and overlapping between dots is reduced, achieving a sharp print quality with low grain.

(Non-spherical discharge)



Gapping or overlapping occurs. The image quality is rough and the edges are blurred.

(Discharged in a nearly true spherical state)

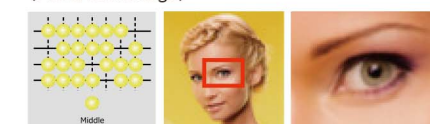


High precision landing is possible. Sharp finish with little grain.

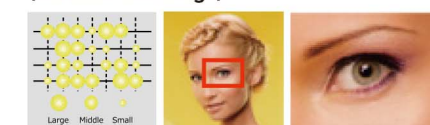
Variable dots

Three different ink dot sizes are used in printing to enable high-quality prints with reduced graininess.

(Fixed Dot Image)



(Variable Dot Image)

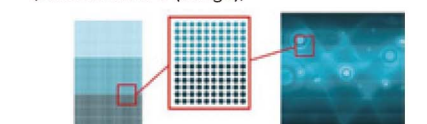


Dots are combined including the minimum size of 5 pl to enable grainless, smooth color printing.

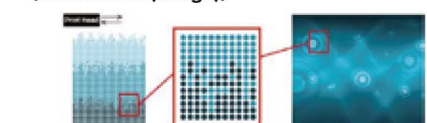
MAPS (Mimaki Advanced Pass System)

Banding (horizontal stripes), uneven color, or glossy streak can be reduced to produce smooth prints by printing pass boundaries fading in gradation.

(Without MAPS (Image))

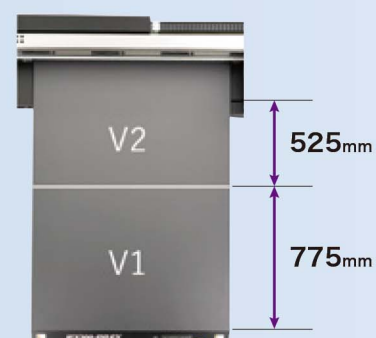


(With MAPS (Image))



Based on printing conditions such as media/ink type and resolution, the most suitable gradation pattern is automatically selected and printed.

Operator-friendly user interfaces easily accessible from the front



Valve and foot switch for vacuum control

The vacuum area is divided into a front section and a rear section. The valve can be used to switch between them easily depending on the media size. The foot switch allows you to turn vacuum on/off while checking the media location.



Vacuum valve



Foot switch

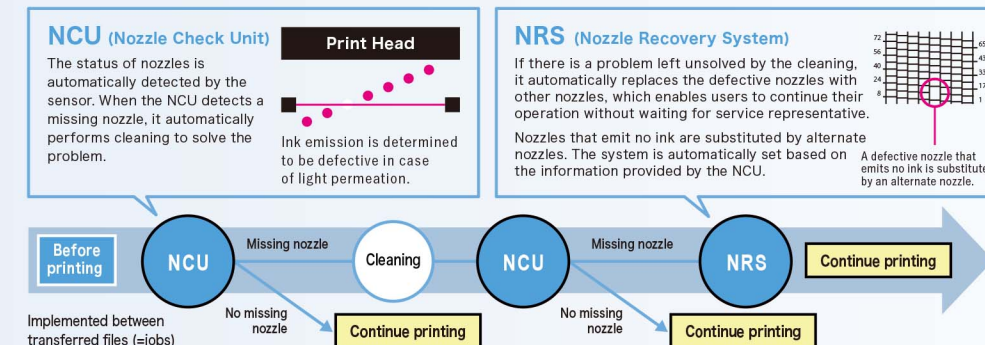
Ink tank unit

The ink bottles can be accessed from the front side of the printer for replacement and maintenance. This minimizes the pathway to be followed by operators, increasing work efficiency.



Ink tank unit (when pulled out)

Mimaki's technology for realizing stable operation



Auto maintenance function to shorten downtime

MCT (Mimaki Circulation Technology)

The JFX200-2513 EX has an ink circulation mechanism in its ink tank and ink path. It circulates white ink periodically to prevent nozzle trouble due to deposited ink pigments and to stabilize printing performance.

