

CLASS LEADING FLATBED PRINTERS



Mimaki JFX200-2513 EX



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



MCT
Mimaki Circulation
Technology
continuously
agitates inks that
are susceptible to
settling ensuring
quality and economy



MCC
Mimaki Clear
Control minimises
the ink-curing
time to reduce the
possibility of dust
accumulating on
the printed surface



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 JFX200 SERIES SPECIFICATIONS

		JFX200-2513	JFX200-2531	JFX200-2513 EX
Head		Staggered array of 2 heads		Staggered array of 3 heads
Print resolution		300, 450, 600, 900, 1,200dpi		
Ink	Type	LED UV Curable Ink: LH-100, LUS-120, LUS-150, LUS-200, LUS-350 Primer: PR-100, PR-200		LED UV Curable Ink: LH-100, LUS-120, LUS-150, LUS-350 ^{*1} Primer: PR-200 ^{*2}
	Supply system	Supplied from 1 litre bottles for each colour		1 litre / 250ml bottles (LH-100, LUS-120, PR-200 only) ^{*3}
	Circulation	White ink circulation system using Mimaki Circulation Technology (MCT) ^{*4}		
Maximum printable area		2,500 × 1,300mm	2,500 × 3,100mm (or 2x 1,220 x 2,440mm panels)	2,500 × 1,300mm
Media	Dimensions	2,500 × 1,300mm	2,500mm × 3,100mm	2,500 × 1,300mm
	Height	50mm		
Media absorption	Weight	50 kg/m ² non concentrated load		
	Vacuum type	Absorption fixed through use of a vacuum		
UV device	Vacuum zones	2 partitions (X-axis direction)	4 partitions (X-axis direction)	2 partitions (X-axis direction)
	System	LED-UV system		
Interface	Service life	Over 5,000 hours ^{*5}		
		USB2.0		
Safety standard		VCCI class A, CE Marking, CB Report, UL (U.S. safety organisation), RoHS directive, UL 60950-1, FCC class A		
Power	Supply	Single phase, 200V AC-240V AC, 50Hz/60Hz, < 12A	Single-phase AC200-240V 12A or less, < 8A (2x inlets)	Single phase, 200V AC-240V AC, 50Hz/60Hz, < 12A
	Consumption	< 2.88kVA	2.88kVA, 1.92kVA (4.8kVA)	< 2.88kVA
Installation environment		Temp: 15°C-30°C Humidity: 35%-65% RH		
Dimensions (WxDxH)		4,400 × 2,450 × 1,250mm	4,400 × 4,290 × 1,250mm	4,400 × 2,450 × 1,250mm
Weight		650kg	1,000kg	650kg

Specifications, designs and dimensions in this list may be subject to change without notice due to technical improvements etc

^{*1} LUS-350 is scheduled to apply later

^{*4} MCT works only with white ink

^{*2} PR-200 is not compatible to use with LUS-350

^{*5} The service lifetimes listed are estimates and do not guarantee the operation

^{*3} Initial ink fill-up requires 1 litre bottle

UV curable ink	Bottle Size	Item Code	Colours	Compatibility
LH-100 UV	250ml / 1,000ml	LH100-x-B2 / LH100-x-BA	M, C, Y, K, W and Cl	All models
LUS-120 UV		LUS12-x-B2 / LUS12-x-BA		All models
LUS-150 UV	1,000ml bottle	LUS15-x-BA	M, C, Y, K and W	All models
LUS-200 UV	1,000ml bottle	LUS20-x-BA	M, C, Y, K and W	Not compatible with EX
LUS-350 UV	1,000ml bottle	LUS35-x-BA	M, C, Y, K, W and Cl	Availability for EX is TBD
Primer				
PR-100	1,000ml bottle	PR-100-Z-BA	N/A	Not compatible with EX
PR-200	250ml / 1,000ml	PR-200-Z-B2 / PR200-Z-BA	N/A	All models

CREATIVE, PRODUCTIVE & USER-FRIENDLY FLATBED PRINTERS

JFX200 SERIES



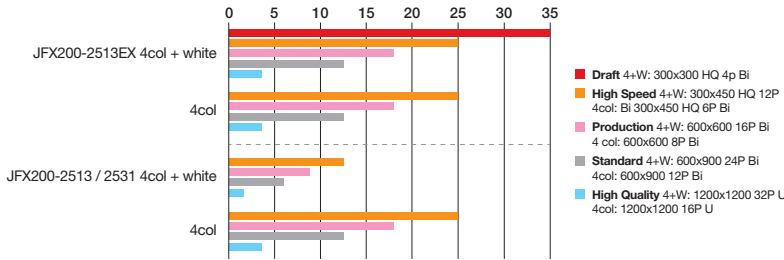
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For detailed specifications, options and supply list, please visit www.mimakieurope.com

HIGH PRODUCTIVITY

The JFX200 Series delivers unparalleled productivity for professional sign and graphics companies. The latest addition to the family, the JFX200-2513 EX, introduces a new print mode that allows printing of up to 35m²/h, resulting in the ability to print twice as fast as the two other models in 4-colour print mode + white. Sporting a range of Mimaki's proprietary Core Technologies, the JFX200 Series is perfectly placed to deliver continuous, unattended print operation.



EXCEPTIONAL PRINT QUALITY

Equipped with Mimaki's proprietary core technologies, the JFX200 Series ensures exceptional print quality. Mimaki Clear Control (MCC) adds value and quality to prints by delivering various high-quality finish options. MAPS (Mimaki Advanced Pass System) reduces banding, while MCT (Mimaki Circulation Technology) prevents pigment sedimentation when printing with white.

INK OPTIONS FOR EVERY APPLICATION

From hard inks for rigid media to flexible inks for products that can bend, the JFX200 Series offers multiple ink options for every application, including white ink, clear varnish and printable primer. What's more, all these inks benefit from Greenguard Gold certification.



GO BEYOND 2D PRINTING

With Mimaki's new 2.5D Texture Print, the EX model makes creating embossed print easier than ever before! Drawing on Mimaki's 3D technology, this feature enables the Rasterlink 6 RIP to automatically create up to 17 layers based on just one greyscale image.



LAYOUT PINS ELIMINATE ALIGNMENT PROBLEMS

VACUUM CONTROL FOOT SWITCH*1

Two separate partitions in the X-direction of the vacuum area can be adjusted depending on the media size used and along with operation via the control panel, it can be activated by a new foot switch.

*1 Only available on JFX200-2531 and JFX200-2513EX



IoT & ETHERNET SUPPORT

The JFX200 Series supports MDL commands and Mimaki Job Controller IP to enable synchronisation of upstream and downstream equipment. In addition to conventional USB connection, Ethernet connection is now available across the range with easy setup.

CHOOSE FROM TWO TABLE SIZES

Printing on the JFX200 Series is ideally suited to popular sized 8' x 4' (2,440 x 1,220mm) boards. For even higher productivity, the JFX200-2531 can be loaded with two of these panels at a time and increases throughput using Mimaki's Toggle Print feature, which allows operators to mount one board while another is printing.



Model Comparison

	Function	JFX200-2531	JFX200-2513	JFX200-2513EX
3D Decoration	2.5D Print Compatible	-	-	✓
Maximum production capacity	4-C + W (1- and 2-layer print)	12.5m²/h		35m²/h
Workability	Layout pins	✓	✓	✓
	Ethernet Connection	Maintenance purpose only		✓
	MDL Command support (LAN cable must be attached)	✓	✓	✓
	Foot pedal (vacuum)	✓	-	✓
Production stability	External safety interface	-	-	✓
	Nozzle recovery system (NRS)	✓	✓	✓
	Auto nozzle check (NCU)	-	-	✓
Print quality	MAPS2	✓	✓	✓
	Mimaki Circulation Technology (MCT)	✓	✓	✓
	Mimaki Clear Control (MCC)	-	✓	✓

CREATE: Rigid signage | Foamboard | 2.5D prints | Large format advertising | Display graphics | Point of sale | Metal panels | Promo items | and much more...