

VROOOM

Power up your print business with Mimaki's fastest ever flatbed.



XCEED
PRODUCTIVITY

XCEL
QUALITY

XCITE
CREATIVITY

Mimaki
JFX600-2513

SAFETY OPERATION SENSORS

The printer stops operating when the sensor is activated by an obstacle

MAINTENANCE AREA

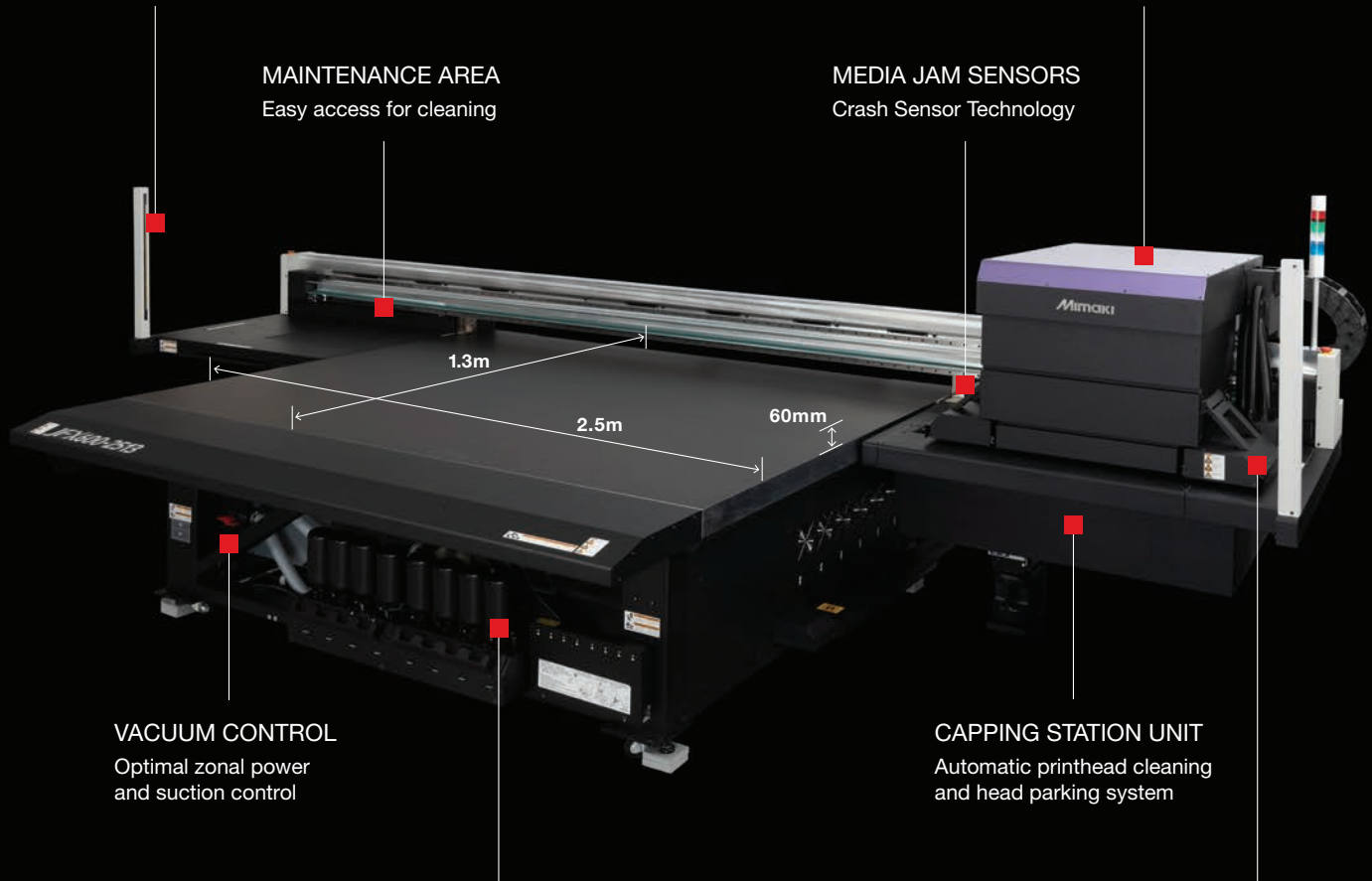
Easy access for cleaning

MEDIA JAM SENSORS

Crash Sensor Technology

HEAD CARRIAGE

Industrial high speed printheads



VACUUM CONTROL

Optimal zonal power and suction control

CAPPING STATION UNIT

Automatic printhead cleaning and head parking system

LARGE INK SUPPLY SYSTEM

- 4C ink set for fast print
- 4C+SP or 7C including light colours, white and clear for special applications
- Available in 1 litre bottles

LARGE LED-UV UNITS

Energy-saving, high intensity ink curing units with a superior lifespan of more than 10,000 working hours



Optional Bulk Ink System with 3L capacity per colour

Power up your print business with the Mimaki JFX600-2513

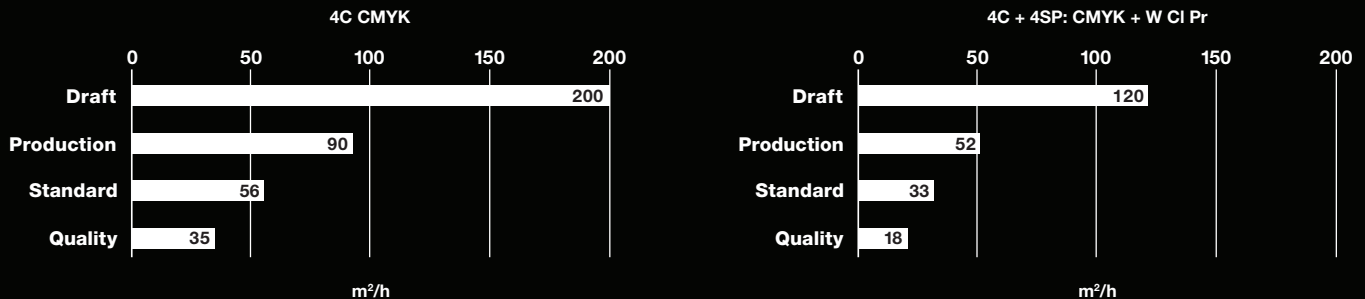
Mimaki fastest ever 8' x 4' flatbed printer boasts trademark print quality and creativity, and with its next generation print engine, hits speeds of up to **200m²/hr to deliver exceptional productivity and performance.**



PRODUCTIVITY

Developed from a long history of market-leading LED UV flatbed printers, the feature-rich Mimaki JFX600-2513 uses high specification industrial printheads, achieving significant productivity gains over previous models. With a strong heritage of delivering high quality, highly creative print, the JFX600 is designed to accelerate production across print businesses.

PRINT SPEEDS



WROOOM



QUALITY

The Mimaki JFX600-2513 sets the benchmark for print quality, achieving spectacular results onto an almost limitless range of materials.

Multiple onboard Core Technologies deliver premium print quality, automated maintenance and reduced waste – all with minimal user intervention. This suite of proprietary features acts as a safety net to ensure superior output is generated, and productivity maximised on even the most complex and creative print jobs.

CORE TECHNOLOGIES

MAPS 4

Smoothest laydown of ink

WFC

Precise shaping & placement of ink dots

MCT

Optimum white printing

MCC

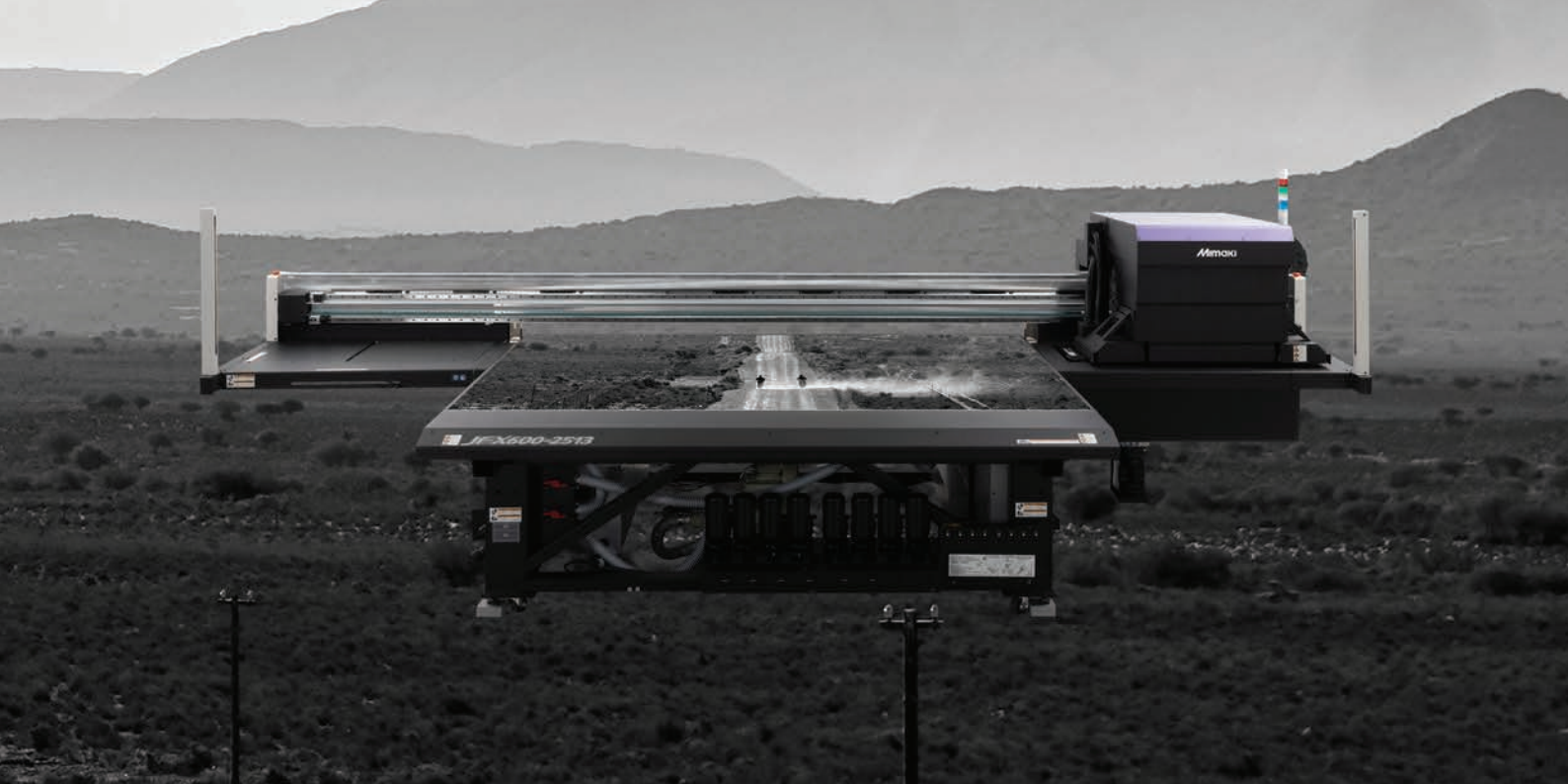
Consistent, glossy finish to clear ink

NCU

Auto nozzle checking

NRS

Uninterrupted printing



XCITE
CREATIVITY

Compatible with industry standard 8' x 4' (2,440mm x 1,220mm) boards up to 60mm thick, the JFX600 can print onto plastics, polycarbonate, wood, glass, metal and more. Capable of delivering striking 2.5D multi-layer printing as well as engaging and creative effects with clear and white ink, Mimaki's range-topping flatbed is a powerful addition to any print business.



Item		JFX600-2513
Print head	Type	On-demand piezo head
	Specifications	16 heads (320 nozzles x 4 rows) (4 staggered, 4 in-line array)
	Resolution	Y: 600dpi, 1,200dpi X: 600dpi, 1,200dpi
Ink set		4 colour / 4 colour + 4 special
Ink type		LH-100: CMYK / CMYK WW Cl Pr / CMYK LcLm WW LUS-120/LUS-150: CMYK / CMYK WW Cl Pr / CMYK LcLm WW
Media	Max. printing width	2,500mm
	Maximum width	1,300mm
	Thickness	Up to 60mm
	Weight	Up to 50kg/m ²
Distance accuracy	Absolute accuracy	±0.3mm or ±0.3% of specified distance, whichever is greater
	Repeatability	±0.2mm or ±0.1% of specified distance, whichever is greater
Perpendicularity		±0.5mm / 500mm
Printing gap		1.5 to 3.0mm
Ink supply		Ink bottle (1 litre) with optional bulk ink supply
Vacuum		2 sections, divided in X direction
UV unit		Water-cooled UV-LED emitters x2
Interface	Data transfer function	10GBASE-T Ethernet
Commands		MRL-V
Noise levels		55 dB (A) or less in standby / 70 dB (A) or less in operation (continuous)
Power supply specifications		3 x Single-phase 200 to 240V AC ±10% / 24A x3, 50/60Hz ±1 Hz
Power consumption		4.8kW x 3 or less
External dimensions (WxDxH)		5,270mm x 2,800mm x 1,600mm
Body Weight		1,100kg
Compliance with standards		UL 775 compliant, CE marking (EMC Directive, Machinery Directive), RoHS, REACH, EAC Mark, RCM Mark

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

Options

Item	Description	Notes
OPT-J0217	Vacuum unit (Single phase)	Single phase 200-240V, 30A, 1.9kw
OPT-J0232	Vacuum unit (Three phase)	Three phase 380-280V, 20A, 3.4kw
OPT-J0348	Optional vacuum connector kit	For OPT-J0217 / OPT-J0232
OPT-J0527	Optional ionizer	On-carriage ionizer device
OPT-J0534	3 Litre Bulk Ink System	Offboard MBIS

Ink & Consumables

Item	Description	Notes
LH100-x-BA	LH-100 UV curable ink 1 litre bottle	C, M, Y, K, Lc, Lm, W, Cl, Pr
LUS12-x-BA	LUS-120 UV curable ink 1 litre bottle	
LUS15-x-BA	LUS-150 UV curable ink 1 litre bottle	
PR200-Z-BA	Primer PR-200 1 litre bottle	
FL007-Z-BA	Flushing Liquid 07 1 litre bottle	

Some of the samples in this brochure are artificial renderings. Inkjet printers print extremely fine dots, so colours may vary slightly after replacement of the print heads. Also note that if using multiple printer units, colours could vary slightly from one unit to other due to slight individual differences.