

UCJV330 Series



The Mimaki UCJV330 Series of UV-LED print & cut devices is the next generation of popular Mimaki models. Newly developed ink ejection technology reduces color irregularities in high-density areas, even in high-speed output mode. Clear ink can be printed as gloss over a color layer or as matte on transparent film. 2.5D print and watermark print functions have been added. Support for layered printing enables printing to clear vinyl to create visual effects including day/night images. These models can print on a variety of substrates including translucent, transparent, white or colored base media, PET, polyurethane and other resin films, cloth, and paper.

Specifications

NA Warranty 1 Year

LATAM Warranty 1 Year

Heads 2

Head Type On-demand piezo

Dropet Technology Variable / Grayscale

Head Series 330

For best results, always use Mimaki original inks.

Head Arrangement	Staggered
Channels	8
Nozzles per Channel	400
Print Nozzles	2 heads x 400 nozzles x 8 rows
Print Resolution	1200 X 1800
Minimum Dot Size	4pl
Head Gap	Manual 0.5mm Adj.(2.0/2.5/3.0)
Max Media Width	UCJV330-130 53.94 in (1370.00 mm) UCJV330-160 63.78 in (1620.00 mm)
Max Media Thickness	0.04 in (1.00 mm)
Max Media Dia	9.84 in (250.00 mm)
Max Media Weight1	45kg or less
Max Media Weight2	90kg or less (3-roll media changer)
Media Cores	2 inch, 3 inch
Max Printing Width	53.54 in (1360.00 mm)
Max Cutting Width	1360
Color LCD Control Panel	Yes
Nozzle Check Unit (NCU)	Yes
Integrated Media Cutting	Yes
Media Heaters	1 - Pre, Optional Post
Lamp Type	UV-LED
Curing Units	2
Cooling	Air
ID-cut	Yes
Tool Stations	1
Supported Tools	Swivel / Eccentric Cutter, Pen
Swivel Cutting Pressure	450g
Cut Speed Max	300mm/sec
Acceleration Max	0.5G
Cutting Pressure	10-450 gf

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Response Time	10 times/sec	
Buffer Memory	32 Mb	
Repetition Accuracy	±0.2 mm	
Maximum Pressure	450g	
Maximum speed	Yes	
RIP	RasterLink7	
Cut	FineCut9	
Other	Artista UV Texture Library	
PICT	Yes	
Mimaki Remote Access (MRA)	Yes	
Connection Interface	Ethernet 1000BASE-T, USB 2.0 Hi-speed	
Dimensions	UCJV330-130: 103.94 in (2640.00 mm) X 31.50 in (800.00 mm) X 58.27 in (1480.00 mm)	
	UCJV330-160: 113.78 in (2890.00 mm) X 31.50 in (800.00 mm) X 58.27 in (1480.00 mm)	
Weight	UCJV330-130	UCJV330-160
	478.49 lb (217.00 kg)	500.54 lb (227.00 kg)
Required Power	AC100~120V/200~240V±10% 50/60Hz±1HZ x2	
Power Consumption - Max	1,440W x2	
Power Consumption - Avg	800W or less	
Power Consumption - Sleep	4.5W or less	
Standby	45 dB or less	
Continuous Operation	59 dB or less	
Temperature	68-86F (20-30C)	
Guaranteed Accuracy	68-77F (20-25C)	
Humidity	35~65%RH(Non-condensing)	
Dust Level	Equivalent to general office	
Max Printing Speed	592.02 sqft (55.00 sqm)	
MPS Print Mode	4 Color 600x600 2Pass (160 Size)	
Machine Certifications	IEC 62368-1 compliant ETLCB, CE (EMC Directive, Low Voltage Directive, Machinery Directive, RoHS Directive) REACH, VCCI Class A, FCC Class AEAC, KC, RCM, UKCA, EnergyStar	

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Ink Type/Color

UV-LED | LUS-170 CMYK Lc, Lm, W, Cl | LUS-190 CMYK W | LUS-210 CMYK W | LUS-200
CMYK W | LUS-175 CMYK Lc, Lm, W, Cl

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Print speeds are based on factory tests. Total throughput depends upon front-end driver/RIP, file size, printing resolution, ink coverage, network speed, etc. For best performance, always use Mimaki original inks. Specifications are subject to change without notice.

All specifications are subject to change; consult your authorized Mimaki representative for current information.

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Rev. 6/30/26

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