Specification Sheet

UCJV330 Series

The Mimaki UCJV330-130 UV-LED print & cut device builds on popular Mimaki models with newly developed ink ejection technology that reduces color irregularities in high-density areas, even in high-speed 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 the creation of visual effects including day/night images. This 54-inch device 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**	**UCJV330-160**
	53.94 in (1370.00 mm)	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 Acccuracy	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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