Specification Sheet

UCJV330-160



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
Droplet 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/hr (55.00 sqm/hr)
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 Cl | 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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