

UCJV300 Series

Specifications

NA Warranty	1 Year
LATAM Warranty	1 Year
Heads	2
Head Type	On-demand piezo
Dropet Technology	Variable / Grayscale
Head Arrangement	Inline
Channels	8
Nozzles per Channel	320
Print Nozzles	2 heads x 320 nozzles x 4 rows
Print Resolution	1200 X 1200
Minimum Dot Size	7pl
Head Gap	Manual 0.5mm Adj.(2.0/2.5/3.0)
Max Media Width	UCJV300-75 31.89 in (810.00 mm) UCJV300-160 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 Weight ¹	40kg or less
Media Cores	2 inch, 3 inch
Max Printing Width	31.50 in (800.00 mm)
Max Cutting Width	800
Color LCD Control Panel	Yes
Nozzle Check Unit (NCU)	Yes
Integrated Media Cutting	Yes

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Lamp Type	UV-LED		
Curing Units	2		
Cooling	Air		
ID-cut	Yes		
Tool Stations	1		
Supported Tools	Swivel / Eccentric Cutter, Pen		
Cut Speed Max	300mm/sec		
Acceleration Max	0.5G		
Cutting Pressure	10-450 gf		
Response Time	10 times/sec		
Buffer Memory	32 Mb		
Repetition Accuracy	±0.2 mm		
RIP	RasterLink7		
Cut	FineCut9		
Other	Artista UV Texture Library		
Connection Interface	Ethernet 1000BASE-T, USB 2.0 Hi-speed		
Dimensions	UCJV300-75:	82.28 in (2090.00 mm) X 30.55 in (776.00 mm) X 58.07 in (1475.00 mm)	
	UCJV300-160:	114.17 in (2900.00 mm) X 30.55 in (776.00 mm) X 58.07 in (1475.00 mm)	
Weight	UCJV300-75		UCJV300-160
	317.52 lb (144.00 kg)		414.54 lb (188.00 kg)
Required Power	Single phase (AC100-120 / 200-240V±10%, 50/60Hz±1Hz)		
Power Consumption - Max	1,920 W		
Power Consumption - Avg	1,440 W		
Standby	55 dB or less		
Continuous Operation	65 dB or less		
Temperature	68-86F (20-30C)		
Guaranteed Accuracy	68-77F (20-25C)		
Humidity	35~65%RH(Non-condensing)		

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Dust Level	Equivalent to general office
Max Printing Speed	193.75 sqft/hr (18.00 sqm/hr)
MPS Print Mode	4 Color 300x600 4Pass
Machine Certifications	VCCI Class A, FCC Class A, IEC 62368-1 ETL compliance, CE marking (EMC Directive, Low Voltage Directive, Machinery Directive), CB certified, RoHS, REACH, EnergyStar, RCM marking
Ink Type/Color	UV-LED LUS-170 CMYK Lc, Lm, W, CI LUS-200 CMYK W
Swivel Cutting Pressure	450g
Maximum Pressure	450g
Maximum speed	Yes

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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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