Specification Sheet

3DUJ Series

The Mimaki 3DUJ-553 model is the world's first photorealistic full-color 3D printer capable of producing more than 10 million unique colors on a 20" x 20" x 12" build area. This color-managed printer produces the same accurate color across multiple devices and provides the ability to move from the prototyping stage into production in a more predictable way.

Specifications

NA Warranty	1 Year
LATAM Warranty	1 Year
Heads	8
Head Type	On-demand piezo

For best results, always use Mimaki original inks.

Dropet Technology	Variable / Grayscale
Head Series	Mimaki
Head Arrangement	8 Inline
Print Resolution	600 X 300 X 1200
Max Z-Resolution	1200
Layer Thickness	19, 22, 32, 42 microns
Max Modeling X-axis	508
Max Modeling Y-axis	508
Max Modeling Z-axis	305
Color LCD Control Panel	Yes
Gap Check Laser Sensor	Yes
Ink Tanks	CMYK 3L, W Cl Support 5L
Lamp Type	UV-LED
Curing Units	2
Cooling	Liquid
Other	3D Link
Connection Interface	Ethernet 1000BASE-TX
Dimensions	**3DUJ-553:** 88.58 in (2250.00 mm) X 59.06 in (1500.00 mm) X 61.02 in (1550.00 mm) **3DUJ-2207:** 53.35 in (1355.00 mm) X 50.79 in (1290.00 mm) X 33.70 in (856.00 mm)

Weight	**3DUJ-553**	**3DUJ-2207**
	1323.00 lb (600.00 kg)	308.70 lb (140.00 kg)

Required Power	Single phase AC 100-120V/220-240V±10%, 50/60Hz±1Hz x3
Power Consumption - Max	1300W or less (printer only)
Temperature	15 – 35 °C (59 – 95 °F)
Guaranteed Acccuracy	20 – 25 °C (68 – 77 °F) Recommended
Humidity	35 – 60 %Rh (Non condensing)
Dust Level	Dust amount 0.15mg/m3 or less
Machine Certifications	VCCI Class A / FCC Class A / Compliant with UL60950, ETL / CE Marking (EMC, Low Voltage Directive) /CB Report / RoHS / REACH
Ink Type/Color	UV-LED | MH100 CMYK W, Cl | MH110 Pure Clear | SW100 Support

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Nozzles per Channel	2 heads x 420 nozzles x 4 rows
Minimum Dot Size	4pl
Included Items	Printer Stand

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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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