



NEW UJV55



Mimaki UJV55-320

Super wide-format, UV-LED inkjet printer
with simultaneous twin roll print capability.

Features of the Mimaki UJV55-320

Super wide or dual-roll capacity

Print oversized graphics on media up to 127.9 inches wide, or onto two rolls up to 60 inches wide each. Different print jobs (or the same print job) can be printed on two separate media rolls, for increased productivity when producing smaller jobs.

Mimaki proofing panel for instant print quality checks

An LED backlit proofing panel gives the operator the ability to check the color fidelity during printing and react immediately to a misprint, which can help reduce waste and improve production efficiency. This feature is particularly useful for checking backlit prints. With a quick visual check, the operator can easily assess the print quality under similar conditions used for backlit signage.

Enhanced print quality and performance

A staggered array of four piezo print heads utilize Mimaki's Advanced Pass System that reduces banding effects by dispersing ink drops between passes. Our Waveform control technology ensures high quality print resolution by jetting ink drops in straight lines with almost perfect round dots to deliver clear and sharp edges.

High performance UV ink

The UJV55-320 printer uses Mimaki's new LUS-120 UV ink – available with Light Magenta, Light Cyan and White. LUS-120 UV ink offers excellent scratch resistance and provides up to 170% flexibility, even on soft media such as (non-laminated) banner materials. Fast curing, LUS-120 ink is an excellent choice for high-performance UV-LED printing.

Improved performance for backlit applications

Printing on transparent media is made possible by the application of white ink as either an under or over layer. A key feature of UV-curable ink is the thickness of the ink layer on the media, which enables a much greater "blockout" performance than other printing methods for an improved overall illuminated color vibrancy.

Technical overview of the Mimaki UJV55-320

Print system	On-demand piezo, 4 print heads in a staggered configuration
Maximum print width	126 in. (3290 mm) Twin rolls: 59" (1498.5 mm)
Printing resolutions	300, 600, 900, 1200 dpi
Head gap	1.7 - 3.3 mm (manual adjustment between platen and print head)
Ink type	Mimaki LUS-120 UV ink: C, M, Y, K, Lc, Lm, W
Ink capacity	Ink packaged in 1-liter bottles, poured into 3-liter external ink tanks
Maximum media width	128 in. (3250 mm) Twin rolls: 60 in. (1524 mm) x 2
Maximum roll weight	Large shaft: 220 lbs. (100 kg) Small shaft: 55 lbs. (25 kg)
Operational environment	Temperature: 68°-86°F (20°-30°C) Humidity: 35-65% RH (non-condensing)
Connectivity	Ethernet 1000Base-T, USB 2.0
Power supply	Single-phase AC 200-240V, 50/60Hz, 18A
Dimensions	Printer: 213" L x 39" W x 56.5" H

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