Specification Sheet

# UJF200-6042




The Mimaki UJF200 Series is a benchtop UV-LED flatbed printer designed for direct printing onto rigid and dimensional objects. The series includes UJF200-3042 and UJF200-6042 models and supports objects up to 9.8 inches (250 mm) thick and up to 44 lb (20 kg).

The platform uses a high-precision single printhead with minimum 3 pL droplet control and MAPS4 technology for smooth gradients, fine lettering, and reduced banding. Available ink configurations include CMYK, white, clear, primer, light colors, and fluorescent pink and yellow.

The compact UJF200-3042 is designed for smaller-format product customization, including promotional products, personalized goods, accessories, and other specialty items. An optional camera system can recognize the position and angle of multiple objects, helping reduce manual alignment and simplify short-run, multi-item production.

## Specifications

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| **NA Warranty** | 1 Year |
| **LATAM Warranty** | 1 Year |
| **Heads** | 1 |

*For best results, always use Mimaki original inks.*

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|---|---|
| **Head Type** | On-demand piezo |
| **Droplet Technology** | Variable / Grayscale |
| **Head Arrangement** | Single |
| **Channels** | 8 |
| **Print Resolution** | 600 dpi / 900 dpi / 1,200 dpi / 1,800 dpi |
| **Minimum Dot Size** | 4pl |
| **Head Gap** | 1.5 mm, LD1: 4.5mm, LD2:6.5mm |
| **Max Media Thickness** | 9.84 in (250.00 mm) |
| **Max Media Weight1** | 44 |
| **Max Printing Width** | 11.81 in (300.00 mm) |
| **Max Printing Length** | 420 |
| **Color LCD Control Panel** | Yes |
| **Vacuum Bed** | Yes |
| **Media Registration** | Threaded Pins |
| **Gap Check Laser Sensor** | Yes |
| **Lamp Type** | UV-LED |
| **RIP** | RasterLink8 |
| **Other** | ARTISTA UV Texture and Fluorescents Libraries |
| **PICT** | Yes |
| **Mimaki Remote Access (MRA)** | Yes |
| **Connection Interface** | Ethernet 1000BASE-T, USB 2.0 Hi-speed |
| **Dimensions** | **UJF200-3042:** 54.33 in (1380.00 mm) X 45.91 in (1166.00 mm) X 31.42 in (798.00 mm)<br>**UJF200-6042:** 66.14 in (1680.00 mm) X 45.91 in (1166.00 mm) X 31.42 in (798.00 mm) |

| **Weight** | **UJF200-3042** | **UJF200-6042** |
|---|---|---|
| | 377.06 lb (171.00 kg) | 412.34 lb (187.00 kg) |

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|---|---|
| **Required Power** | Single-phase AC100-240V, ±10%, 50/60Hz ±1Hz |
| **Power Consumption - Max** | Maximum: 450W or less, Standard: 250W, Minimum 4.5W or less |
| **Temperature** | 20–30 °C (68–86 °F) |
| **Guaranteed Acccuracy** | 20–25 °C (68–77 °F) |

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|---|---|
| **Humidity** | 35–65% Rh (Non condensing) |
| **Dust Level** | Similar to standard office environments |
| **Max Printing Speed** | sqft/hr (16.10 sqm/hr) |
| **MPS Print Mode** | 4 Color + 4 Spot 1200x1200 8Pass Single Layer |
| **Machine Certifications** | VCCI class A / FCC class A / ETL IEC 62368-1 /CE Marking (EMC, Low voltage, Machinery directive, and RoHS) / CB / REACH / Energy Star / EAC / RCM |
| **Ink Type/Color** | UV-LED \| PR-200<br><br>Primer<br><br>\| ELH-100<br>Cl, W<br><br>\| ELS-120<br>CMYK, Lc, Lm, W, Cl<br><br>\| EFS-150<br>FP, FY |

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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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