



Mimaki's unique Core Technologies ensure

UNATTENDED, CONTINUOUS PRINTING OPERATION COMBINED WITH THE VERY HIGHEST IMAGE QUALITY

STABLE PRODUCTION



NCU

Nozzle Check Unit automatically checks nozzles and cleans them if required.



MCT

Mimaki Circulation Technology continuously agitates inks that are susceptible to settling, ensuring quality and lifespan.

HIGH IMAGE QUALITY



WFC

Waveform Control utilises finely tuned frequencies to precisely shape and place individual ink drops.



VARIABLE DOT

enables the printer to print in 3 different dot sizes to create high quality images with smooth gradations.

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MIMAKI 3DUJ-2207 SPECIFICATIONS

		Mimaki 3DUJ-2207
Modelling technique		UV-curable inkjet printing (similar to material jetting)
Number of colours		Over 10 million different colours
Print head		On-demand piezo head (2 heads in line)
Print resolution		1200dpi
Ink	Type / Colour	Ink / modelling material: MH-100 (C, M, Y, K, White, Clear) Support material: SW-110
	Package size	1L bottle
Material strength		Similar to ABS plastic
Maximum modelling area		203 x 203 x 76mm, max. load capacity of 3kg
Layer thickness		28µm (standard mode)
Input data		STL, OBJ, VRML, PLY, 3MF
Interface	Data transfer function	Ethernet 1000BASE-T
	Email function	Ethernet 10BASE-T/100BASE-TX/1000BASE-T
Noise level		Standby mode: less than 55dB, operating sound: less than 70dB
Power supply		Single-phase (AC 100-120V / 200-240V ± 10%, 50/60Hz ± 1Hz)
Power consumption		350W (main unit), 500W (when using optional deodoriser)
Software (standard)		Mimaki 3D Link, Mimaki Printer Driver
Operational environment		Temperature: 20-30°C / Recommended temperature range: 20-25°C / Humidity: 35-60% / Dust-free location (less than 0.15mg/m³)
Dimensions (W x D x H) / Weight		1,335 x 1,290 x 856mm / 140kg (main unit)

Supplies & Options

Item	Item code
MH100 ink (C, M, Y, K, W, Cl)	MH100-x-BA (1L bottle)
SW-110 (support material)	SW110-Z-BA (1L bottle)
Special installation stand	OPT-J0524
Deodoriser	OPT-J0515
Mimaki 3D Print prep Pro (3DP ³)	Subscription-based 3D file preparation software service

Mimaki 3DCS-322 - Intelligent Cleaning Station

Capacity	35L
Consumable	Special washing detergent RAM-D1 (optimised for Mimaki's support removal)
Power	230VAC; 3.4kw (standard EU plug)
Dimensions (W x D x H) / Weight	850 x 620 x 938mm / 125kg

Specifications, designs and dimensions in this list may be subject to change without notice due to technical improvements or other modifications.

MEU3D220701-EN

REINVENT
YOUR WORK.
3D PRINT.

3DUJ-2207
FULL-COLOUR
3D PRINTER



Mimaki

Office-friendly design, superior print quality, accessible price tag – the Mimaki 3DUJ-2207 full-colour 3D printer is your perfect entry-model to the rapidly-growing industrial 3D printing market.

SUPERIOR PRINT QUALITY

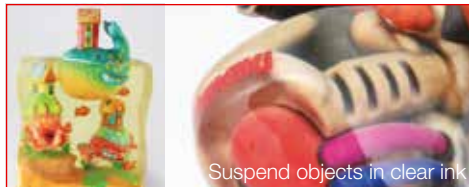
Accurate colour reproduction. The Mimaki 3DUJ-2207 offers more than 10 million colours—currently the highest in the 3D printing industry. It also supports ICC profiles, widely used in 2D inkjet printing for accurate colour matching and predictable results. This ensures a faithful reproduction of your designs.

Unmatched detail. Drawing on our expertise in 2D inkjet printing, the 3DUJ-2207 is capable of realising complex designs with superfine details, using Mimaki's unique waveform control and high-precision inkjet technology.

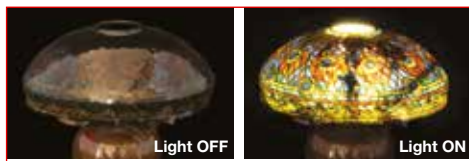
Design more freely with clear ink. Combine it with colour inks to produce objects with different levels of translucency. You can also suspend coloured shapes in clear ink or create an illuminated object by using a light source.



Create different levels of translucency



Suspend objects in clear ink



Create an illuminated object using a light source



OFFICE-FRIENDLY DESIGN

The Mimaki 3DUJ-2207 only requires 2.0 x 2.3m of space, operates at a low noise level and offers an optional deodoriser, making it suitable for all office environments.



EASY SUPPORT MATERIAL REMOVAL

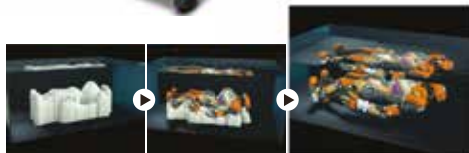
The 3DUJ-2207 uses water-soluble support material that allows easy removal without damaging the printed object. After printing, simply submerge the object in water; no scraping off or water jetting needed.

Need to speed up the removal process?

Mimaki has teamed up with German manufacturer AM Solutions to develop the **3DCS-322** intelligent cleaning station, featuring:

- Specially-formulated detergents to remove support material more effectively.
- Automated post-processing with consistent results via digital controls and repeatable programs.

These save time and enable volume production.



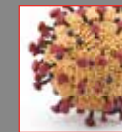
GOOD RETURN ON INVESTMENT

Competitively priced. The 3DUJ-2207 is also offered as a package with the 3DCS-322 cleaning station to complete the production workflow.

Mimaki 3D Link: Intuitive 3D layout software.

Comes as standard with the printer, 3D Link helps set the placement of your data and provides you with the estimated printing time, ink and cost of each model. With this information, you can easily calculate your return on investment.

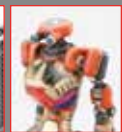
Different markets to enter



Research and Medical



Architecture and Design



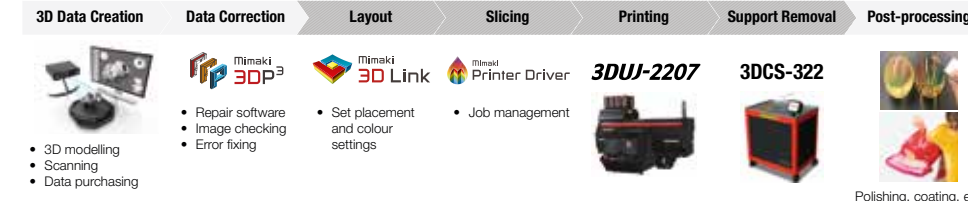
Gaming and Animation



Prototyping and Sampling



WORKFLOW



CREATE: Figurines | Miniature models for gaming and animation | Medical models | Architectural models | Rapid product prototyping and manufacturing | Art and jewelry | Interior decorations and much more...