



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.



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.

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
	Package size
Ink / modelling material: MH-100 (C, M, Y, K, White, Clear) Support material: SW-110	
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
	Email function
Ethernet 1000BASE-T	
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.

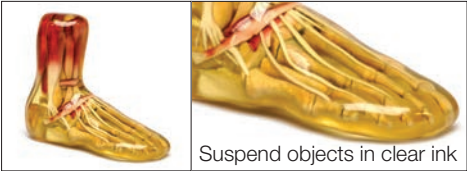
Unmatched detail. Drawing on our expertise in 2D inkjet printing, the 3DUJ-2207 is capable of realising complex designs with superfine details, using Mimaki's unique waveform control and high-precision inkjet technology.



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

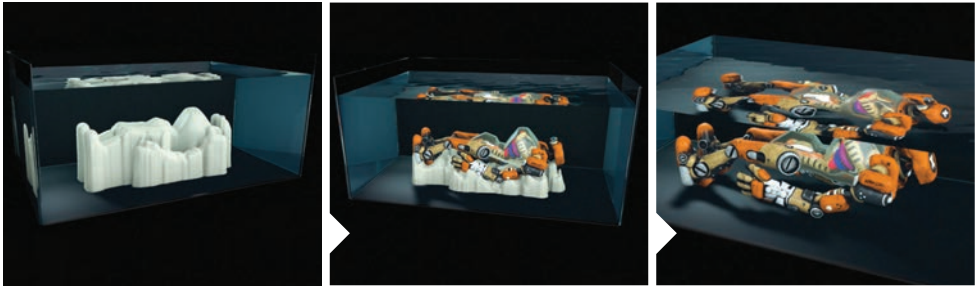


Suspend objects in clear ink



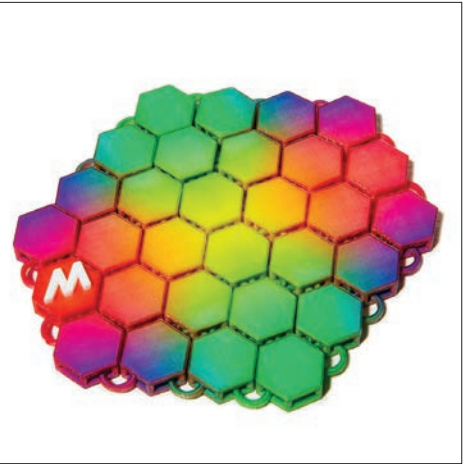
EASY SUPPORT MATERIAL REMOVAL

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.



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.



STRONG RETURN ON INVESTMENT

Mimaki 3D Link: Intuitive 3D layout software. Supplied 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.

Enter new markets



Architecture and Design



Research and Medical



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 jewellery | Interior decorations and much more...