

Mimaki
AUTHORISED PARTNER

3DUJ-2207

Full-Colour 3D Printer

Reinvent your work.
3D Print.

BIG COLOR,
COMPACT SIZE



3D

3D

شركة النجم الرقمي للألات و المعدات
DIGITAL STAR MACHINERY AND EQUIPMENTS

SOURCE OF DIGITAL SOLUTIONS

Welcome to Digital Star, your trusted partner in the world of cutting-edge printing solutions. As a leading printing machines, materials, and ink authorized dealer in Riyadh – Saudi Arabia (KSA), we pride ourselves on delivering state-of-the-art technology that empowers to achieve unparalleled levels of efficiency and quality.

At Digital Star, we understand the pivotal role that printing machinery plays in the success of your operations. With a commitment to innovation and excellence, we curate a diverse range of top-tier printing machines to meet the unique needs of our clients. Our product line-up reflects the latest advancements in the industry.

As a responsible printing machines supplier, we prioritize sustainability. Our commitment to eco-friendly practices is reflected in the products we offer, promoting energy efficiency and environmentally conscious manufacturing processes. When you choose Digital Star, you're not just investing in cutting-edge technology – you're partnering with a company that values the planet as much as your success.

***Best A Grade Quality &
Innovative Products***



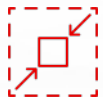
Reinvent your work. 3D print.

Compact full colour 3D printer

Unique features



3D modelling technology...
to achieve layering.



Compact design...
for easy mobility.



10 million colours ...
to bring your vision to life



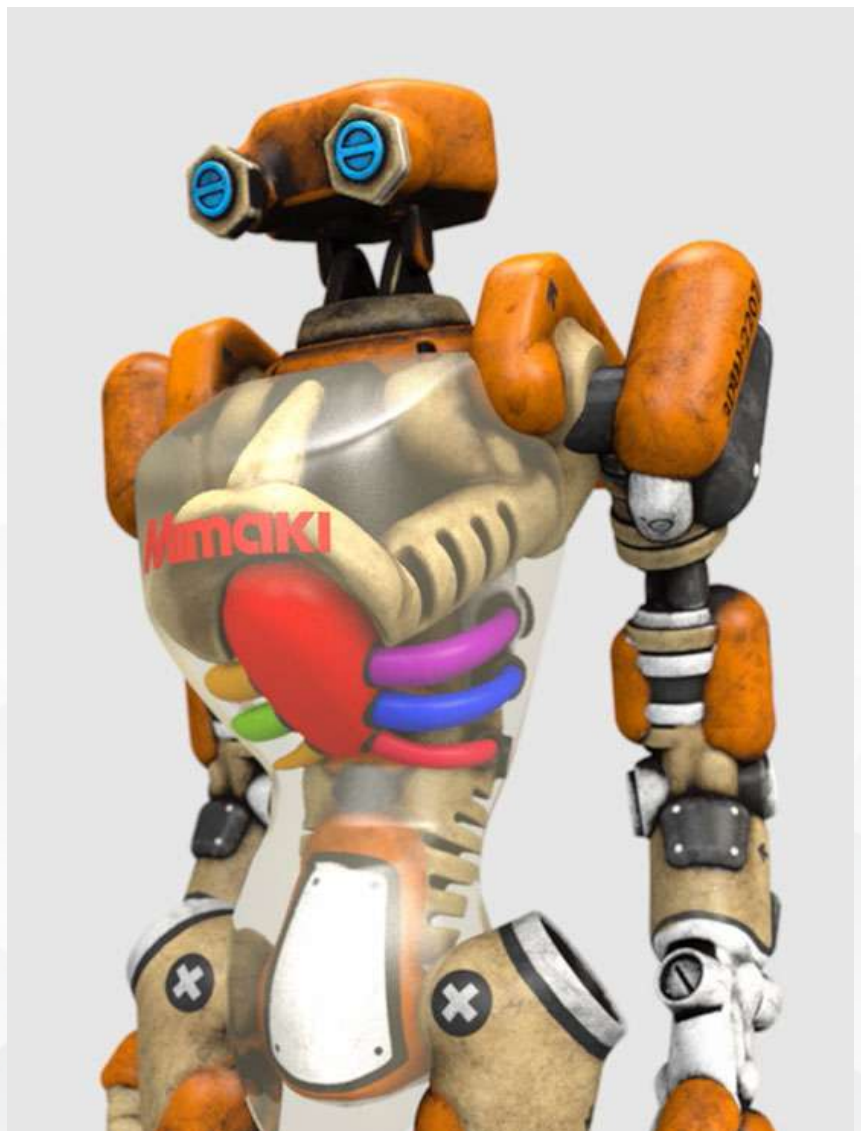
Modeling quality...
for the finer details.



Water-soluble support material...



End-to-end solution...
for the complete package.



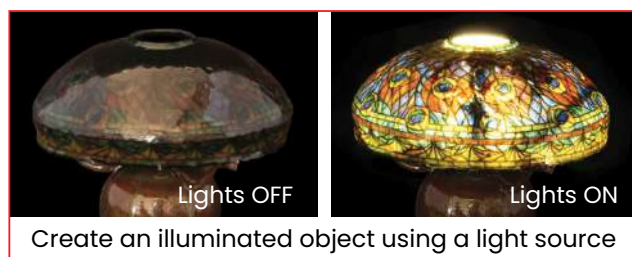
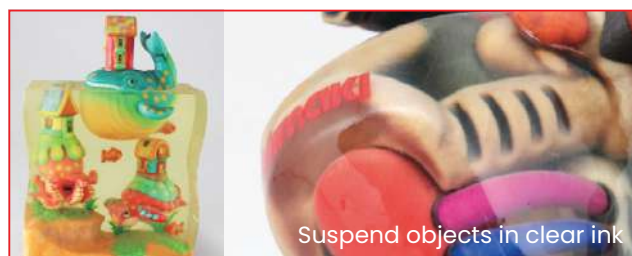
Office-friendly design, superior print quality, accessible price tag – the Mimaki 3DUJ-2207 full-colour 3D printer is your perfect entry-model to the rapidly-growing industrial 3D printing market

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 superfi ne details, using Mimaki’s unique waveform control and highprecision 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.



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.

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

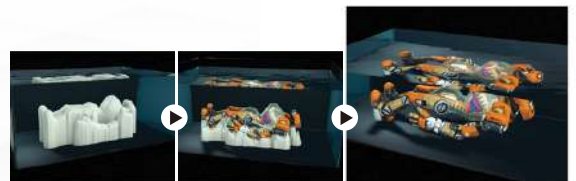
The 3DUJ-2207 uses water-soluble support material that allows easy removal without damaging the printed object. After printing, simply submerge the object in water; no scraping off or water jetting needed.

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

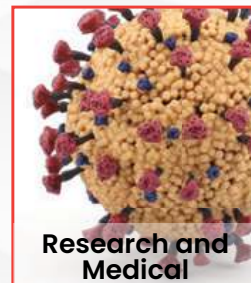


GOOD RETURN ON INVESTMENT

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.



Research and Medical



Architecture and Design



Gaming and Animation



Prototyping and Sampling

WORKFLOW

1



3D Data Creation

- 3D modelling
- Scanning
- Data Purchasing

2



Data Correction

- Repair Software
- Image Checking
- Error Fixing

3



Layout

- Set Placement and Colour Settings

4



Slicing

- Job Management

5

3DUJ-2207



Printing

- Printing 3D Model with Mimaki

6

3DCS-322



Support Removal

- Uses water-soluble support material

5



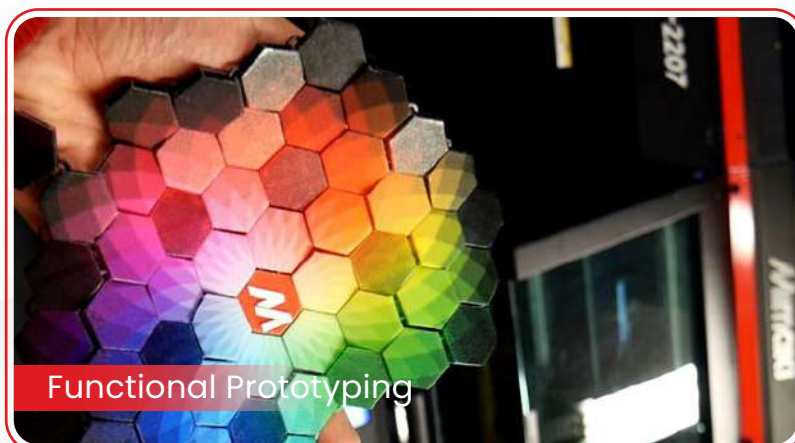
Post-Processing

- Polishing, Coating etc.,



Designed to produce a wide range of materials and applications

Product Samples



Figurines, Product Prototyping with complex structures,
Mechanical Prototyping (interconnecting),
Functional Prototyping (open/close), Educational.

Product Samples

Specification

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	
Max. 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/m ³)	
Dimensions (W x D x H)	1,335 x 1,290 x 856mm	
Weight	140kg (main unit)	

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

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

SYSTEM REQUIREMENTS (PC's)

Operating System*	Windows 10 (64 Bit) or Later
Processor	i7 - 2.6 GHz or faster
Memory (RAM)	Min. 8GB or More
Video Card and Monitor(VGA)	1280x1024 or Higher Resolution is Recommended
Working Hard Disk Space	1 TB SSD or more recommended
Graphics Card	2GB or more (Optional)
Optical drive	DVD-ROM
Other requirements	Ethernet connection for network capable printers
	Available USB ports and PCIE Slot
Recommended Brand	Lenovo / Dell

* Note: You can use a laptop or desktop computer

* Use the original operating system and software. If you are using pirated operating system or software, we are not responsible for any damage to Machine workings, and also the warranty terms will become void.

POWER REQUIREMENTS

Voltage Regulator	5000W Stabilizer
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Terms and Conditions

01. Payment to be made in SAR currency.
02. Payment Terms : As mentioned in Quotation.
03. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
04. Any charges, duties, taxes or levies at the ports of entry will be to our account.
05. The charges of loading, boarding and local conveyance of the technician will be to our account.
06. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.
07. Digital Star Machinery and Equipments will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents & any related reasons, which is beyond our control.
08. Warranty will be 12 months from the date of installation from Digital Star Machinery and Equipments. Wear and tear, consumables are exempted and warranty can be claimed only if you use the Inks and Services from Digital Star Machinery and Equipments.
09. Service will be free of cost within 12 months from the date of installation.
10. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.
11. Delivery: As mentioned in quotation

شركة النجم الرقمي للألات و المعدات
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