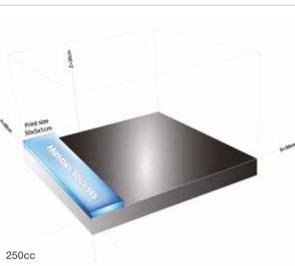
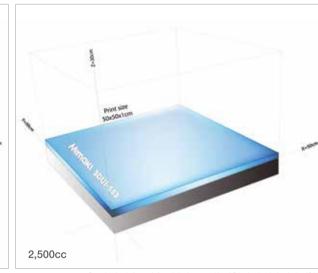


PRINT SPEEDS

Print size X: 5cm Y: 50cm Z: 1cm = 250cm ³				Print size X: 50cm Y: 50cm Z: 1cm = 2,500cm ³			
rint mode	Fast	Standard	High Quality	Print mode	Fast	Standard	High Quality
ayer thickness	42µm	32µm	19µm	Layer thickness	42µm	32µm	19µm
Resolution	600x300x600	600x300x800	600x300x1,270	Resolution	600x300x600	600x300x800	600x300x1,270
rint time	1:30h	1:45h	2:24h	Print time	8:17h	9:41h	13:12h





Operation time before and after printing is not considered. Print time is calculated using 3D

SPECIFICATIONS

Item			3DUJ-553		
Printhead			On-demand piezo head, 8-heads inline		
			MH-100 (modelling material ink), SW-100 (support material ink)		
Ink type			C, M, Y, K, White, Clear, Support Material		
Ink supply	Tank Volume	C, M, Y, K	3L/colour		
	Tarik volume	W, CI, SP	5L/colour		
	Supply	C, M, Y, K	1L x 1bottle/colour		
	Supply	W, CI, SP	4.8L x 1bottle/colour		
Available Layer Pitc	h		19µm (HQ), 32µm (Standard), 42µm (Fast)		
Maximum modelling	g size / weight		X: 508mm / Y: 508mm / Z: 305mm / 70 kg or less		
Circulation function			Available (Head ink circulation)		
UV device			Water-cooled LED-UV irradiation device x 2 units (installed on the head carriage)		
Interface			Ethernet 1000BASE-TX		
Noise			Standby: 58 dB or less (FAST-A, 1m in four directions) / Continuous operation noise: 65 dB or less / Intermittent operation noise: 70 dB or less		
Power			Single Phase AC100-120V / 220-240V ±10% 50/60Hz ±1Hz		
Dimensions (W x D x H)			2,250mm x 1,500mm x 1,550mm		
Weight			600kg		
Software			Mimaki 3DLink, Mimaki Printer Driver		

SUPPLIES

Product Name		Item Code	Remarks
MH-100	Cyan	MH100-C-BA	
	Magenta	MH100-M-BA	1L bottle
	Yellow	MH100-Y-BA	
	Black	MH100-K-BA	
	White	MH100-W-BD	
	Clear	MH100-CL-BD	4.8L bottle
SW-100	Support material	SW100-Z-BD	

OPTIONS

Item	Item Code	Remarks
MPM+i1 Pro Set	MPM3+i1	Colour management software and colorimeter

• Some of the samples in this folder are artificial renderings • Specifications, design and dimensions stated in this folder may be subject to change without notice (for technical improvement
• The corporate and merchandise names written on this folder are the trademark of the respective corporations • Inkjet printers print using extreme fine dots, so colours may vary after replace
of the printin heads, also note that if using multiple printer units, colours could vary slightly from one unit to entit unit due to slight individual differences • Compositor's errors re-

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Pratite nas:



MEU3

Print with over 10 million colours

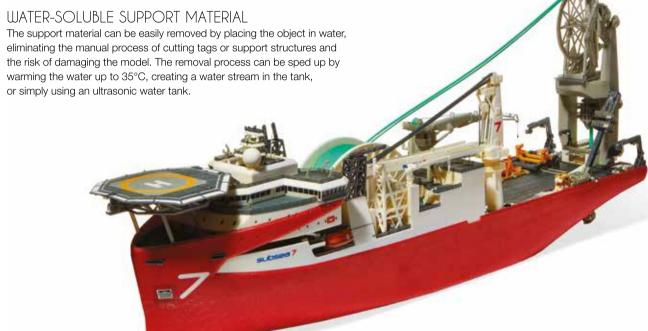
THE MIMAKI 3DUJ-553 OFFERS THE WORLD'S FIRST 3D MODELLING WITH OVER 10 MILLION DIFFERENT COLOURS, COVERING APPROXIMATELY 84% OF FOGRA39L AND 90% OF SWOP COLOUR GAMUT. WITH LAYER THICKNESS AS FINE AS 19µm, THE MACHINE PRODUCES 3D MODELS WITH SMOOTH SURFACES AND IMPRESSIVE DETAILS.

PHOTO-REALISTIC COLOUR ACCURACY

Mimaki's 3D Link software uses an output ICC profile to print highly accurate As a leading manufacturer of wide-format inkiet printers for more than colours. At the same time, designers can use this ICC profile in Photoshop's four decades, Mimaki brings its proven proprietary technology and strong proofing environment. The printed output colours are immediately simulated technical background to the 3D market. With an extensive commitment to on screen and colour adjustment is easy, saving time and money avoiding

MORE POSSIBILITIES WITH CLEAR INK

In addition to creating transparent 3D objects, clear ink can be mixed with coloured inks to add transparency to the models, expanding the design possibilities of 3DUJ-553 even further.



Powerful 3D printing feature set

UNIQUE FEATURES OF THE MIMAKI 3DUJ-553 ENABLE CREATIVE AND DURABLE REALISATION OF OBJECTS UP TO 50 X 50 X 30CM

INNOVATIVE MODELLING MATERIAL

The Mimaki 3DUJ-553 uses pigmented photo-polymer resin as modelling material, with similar strength to ABS plastic. The material is also water resistant, so even though a printed model is placed in water to remove the support material, neither discolouring nor damage will occur.

POST-PROCESSING POSSIBILITIES

Further post-processing possibilities include overcoating for better weather resistance, polishing and overpainting, which can be done immediately after the modelling process is complete.

LARGE MAXIMUM BUILD SIZE

At approximately 50 x 50 x 30cm (W x D x H), the 3DUJ-553 features a larger maximum build size than most comparable 3D printers.

PROVEN UV CURABLE INKJET SYSTEM

HIGH UPTIME AND RELIABLE SUPPORT

uptime, matched with equally high levels of support.

R&D and a vast global network of long-established partners, Mimaki ensures each customer is provided with robust technology that delivers high machine

In UV curable inkjet technology, the printer jets successive layers of ink until the object is formed, while the UV light source hardens or cures the ink after each printed laver.

LAYERING AND COLOURING METHOD

Modelling is done by simultaneously using ink and support material to print sliced data of 3D objects.



3DUJ-553



A BRAND-NEW APPROACH TO 3D PRINTING The Mimaki 3DUJ-553 is the world's first 3D printer with over 10 million colours, enabling the production of 3D objects, eliminating time-consuming finishing and the risk of damaging small detailed parts.



MIMAKI'S CORE TECHNOLOGIES DELIVER AN UNBEATABLE COMBINATION OF STABLE PRODUCTION AND CUTTING-EDGE IMAGING QUALITY. INCORPORATING INNOVATIVE PROPRIETARY TECHNOLOGY, CORE TECH OFFERS SIGNIFICANT ADVANTAGES FOR PRINT OPERATORS.

STABLE PRODUCTION



NCU **Nozzle Check Unit** nozzle status and executes cleaning





EVENT MAIL

Internet. Together with

remote monitoring can be easily done to avoid

the built-in camera,

any print error



VARIABLE DOT delivers high density

HIGH IMAGE QUALITY















