

## Fashion

Forms and colors imagined by the designer can be rendered into reality.

Name  
**Glasses (Red/clear)**

Model Size (mm)

W 144.0 D 47.0 H 17.5

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	3h 31m	163.4	134.2	23.7	5.5
High Quality	4h 52m	180.3	146.3	26.9	7.1

Name  
**Earrings (1 pair)**

Model Size (mm)

W 26.1 D 25.1 H 39.6

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	2h 13m	53.1	39.7	9.5	3.9
High Quality	3h 04m	57.4	43.1	10.2	4.1

Name  
**High Heels (2 pairs)**

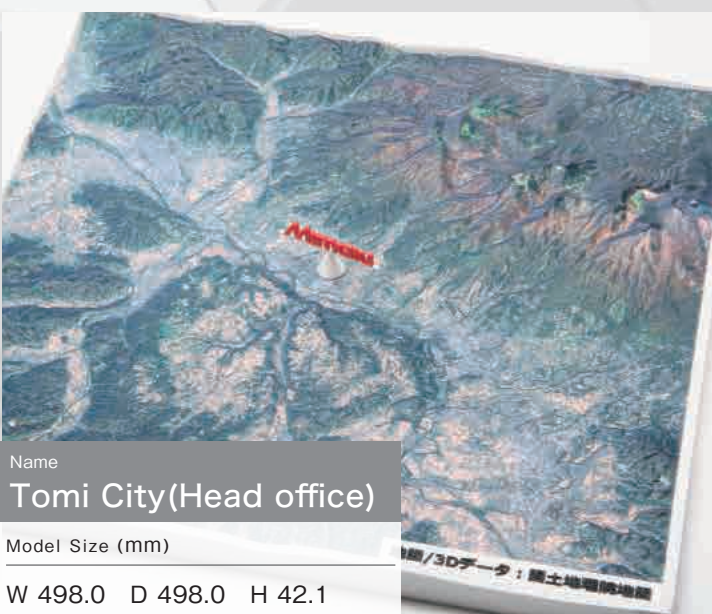
Model Size (mm)

W 214.7 D 109.2 H 184.2

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	40h 27m	8,612.0	7,415.0	1,075.8	121.2
High Quality	55h 18m	9,407.2	8,092.8	1,177.2	137.2

## 3D map

Reproduction of the elevation changes and rich hues create a high-quality topographical map.



Name  
**Tomi City(Head office)**

Model Size (mm)

W 498.0 D 498.0 H 42.1

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	23h 11m	6,381.9	4,753.6	1,575.4	52.9
High Quality	30h 15m	6,969.1	5,187.5	1,720.3	61.3

Name  
**Mt.Fuji**

Model Size (mm)

W 490.0 D 490.0 H 107.7

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	49h 51m	15,378.6	11,049.2	4,209.7	119.7
High Quality	68h 01m	16,792.9	12,058.4	4,595.8	138.7

## MIMAKI ENGINEERING -- What kind of company?

What does MIMAKI ENGINEERING make?

**Business-oriented inkjet printers & cutting plotters**

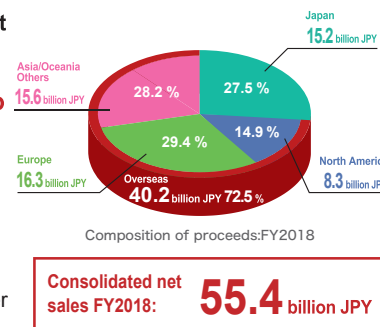
Pioneering the development of inks and software to integrally provide products best matched to market requirements.



Mimaki Global Development

**Distributing products to 150 nations/regions of the world.**

Expanding global business enabling the acquisition of over 70 percent of the consolidated net sales abroad.



Printable surfaces?

**Virtually everything, excluding water and air.**

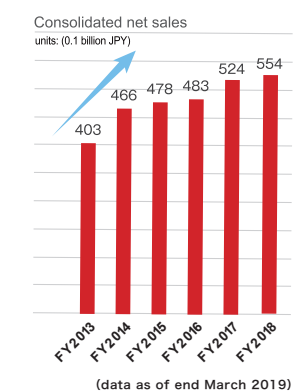
Output from our products are everywhere around you.



Expanding proceeds

**We are experiencing a definite growth.**

As various industries are shifting to high-mix low-volume production, the digital on-demand manufacturing enabled by Mimaki products are disseminating throughout the world.



### ⚠️ Precautions for 3D objects

- Please make sure to execute an advanced evaluation regarding the physical property (strength, weather resistance, safety etc.) for estimated applications.
- Depending on application, post-processing might be necessary such as top coating or wiping with ethanol after removal of support material.

### ⚠️ Safety notice

- Ultraviolet (UV) irradiation equipment is mounted on this product. You are dealing with UV light sources that may harm your health. Please follow the below guidelines with caution.
- Do not look directly into the UV light source nor place your hand, or expose your skin directly to the UV light source.
- Please make sure the room is well ventilated due to fumes partially accompanying with 3D modeling.
- Please use the attached goggles and gloves when handling an object or removing support materials after modeling.
- In addition, please be sure to read and follow the instructions and guidelines of the manual carefully to follow.

●Some of samples in this catalog are artificial renderings. ●Specifications, design and dimensions stated in this catalog may be subject to change without notice for technical improvements etc. ●The corporate names and merchandise names written in this catalog are the trademark or registered trademark of the respective corporations. ●Inkjet printers print extremely fine dots, so colors may very slightly vary after replacement of the printing heads. Also note that if using multiple printer units, colors could vary slightly from one unit to other due to slight individual differences. ●The specifications described in this catalog are as of July 2019.



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THE WORLD'S FIRST 3D  
INKJET PRINTER WITH OVER  
10 MILLION COLOURS



Mimaki  
**3D Printer**

Full color UV-curable inkjet 3D printer

**3DUJ-553**

Application example introduction

### Figure

Using more than 10 million colors, chromatic reproduction of the original 3D image is possible.

Name  
**Mimaki\_charcterSD**

Model Size (mm)

W 45.0 D 48.3 H 80.9

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	5h 31m	138.9	96.6	31.7	10.6
High Quality	7h 42m	153.3	105.2	34.3	13.8

Name  
**Dragon**

Model Size (mm)

W 156.0 D 101.3 H 31.7

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	7h 23m	144.2	109.5	18.9	15.8
High Quality	10h 16m	159.0	120.5	20.4	18.1

Name  
**Raiden\_sumowrestler**

Model Size (mm)

W 86.4 D 71.3 H 120.0

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	8h 51m	422.5	256.2	146.0	20.3
High Quality	12h 18m	462.1	280.4	160.1	21.6

### Mock-up

The full colored model captures the definitive final image.

Name  
**Robotarm**

Model Size (mm)

W 142.0 D 81.9 H 150.0

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	17h 26m	1,121.6	657.9	421.8	41.9
High Quality	24h 12m	1,228.8	718.4	462.1	48.3

Name  
**Electric Drill**

Model Size (mm)

W 141.4 D 59.4 H 171.7

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	13h 12m	984.7	363.3	593.5	27.9
High Quality	18h 16m	1,077.6	397.2	647.0	33.4

Name  
**Boiler**

Model Size (mm)

W 89.5 D 74.1 H 118.8

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	12h 12m	750.4	400.5	324.5	25.4
High Quality	16h 58m	822.1	436.6	354.8	30.7

### Medical model

Life-like full color medical modeling facilitates pathological understanding and assists in the determination of therapeutic programs.

Name  
**Tooth**

Model Size (mm)

W 116.2 D 46.3 H 145.3

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	9h 18m	1,002.4	299.6	681.2	21.6
High Quality	12h 53m	1,097.0	327.7	745.1	24.2

Name  
**Ocular**

Model Size (mm)

W 220.0 D 262.5 H 159.8

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	31h 46m	2,887.4	1,354.5	1,464.9	68.0
High Quality	43h 59m	3,161.0	1,480.4	1,599.6	81.0

Name  
**Footbone (above left)**

Model Size (mm)

W 250.0 D 81.3 H 198.9

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	22h 03m	1,629.1	972.0	610.0	47.1
High Quality	30h 31m	1,784.4	1,062.2	667.1	55.1

### Architectural model

Not just the exterior, but the subtle internal design is also formed in full color.



Name  
**Stadium**

Model Size (mm)

W 150.6 D 130.8 H 54.8

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	7h 39m	755.1	503.9	234.9	16.3
High Quality	10h 33m	825.2	550.8	256.0	18.5

Name  
**Apartment**

Model Size (mm)

W 149.5 D 96.7 H 97.3

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	17h 52m	1,491.2	999.2	443.8	48.2
High Quality	24h 44m	1,632.0	1,090.7	486.1	55.2

Name  
**House**

Model Size (mm)

W 240.7 D 145.6 H 133.3

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	18h 48m	2,881.2	1,626.5	1,206.0	48.7
High Quality	25h 44m	3,150.8	1,776.2	1,317.6	57.0

### Sign

Enables the creation of impressive signage with an impact transcending two-dimensional printing.



Name  
**Bakery**

Model Size (mm)

W 136.3 D 15.3 H 109.4

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	2h 55m	220.7	106.2	107.9	6.6
High Quality	4h 03m	240.3	115.6	117.6	7.1

Name  
**Relief**

Model Size (mm)

W 297.5 D 81.5 H 498.0

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	19h 27m	4,030.2	2,929.5	1,040.6	60.1
High Quality	26h 34m	4,401.8	3,196.5	1,137.1	68.2

Name  
**Kitchen Clown**

Model Size (mm)

W 450.0 D 142.3 H 376.8

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	57h 25m	10,754.2	7,593.0	3,028.9	132.3
High Quality	78h 37m	11,749.2	8,288.9	3,308.6	151.7

### Education

Tactile rendering of the actual figure deepens understanding.



Name  
**Kumamotojo\_Castle**

Model Size (mm)

W 346.7 D 442.1 H 298.2

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	93h 29m	15,632.5	10,863.4	4,562.6	206.5
High Quality	128h 12m	17,084.2	11,859.3	4,984.4	240.5

Name  
**Dragonfly (1 pc.)**

Model Size (mm)

W 82.9 D 100.3 H 19.5

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	2h 54m	75.2	65.6	4.9	4.7
High Quality	4h 01m	81.7	71.4	5.3	5.0

Name  
**Ancient Model**

Model Size (mm)

W 95.2 D 50.9 H 149.5

Print mode	Molding time	Ink consumption(cc)			
		Total	Support	White/Clear	Color
Normal	8h 28m	456.9	242.8	195.2	18.9
High Quality	11h 45m	502.3	267.1	213.9	21.3