

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)

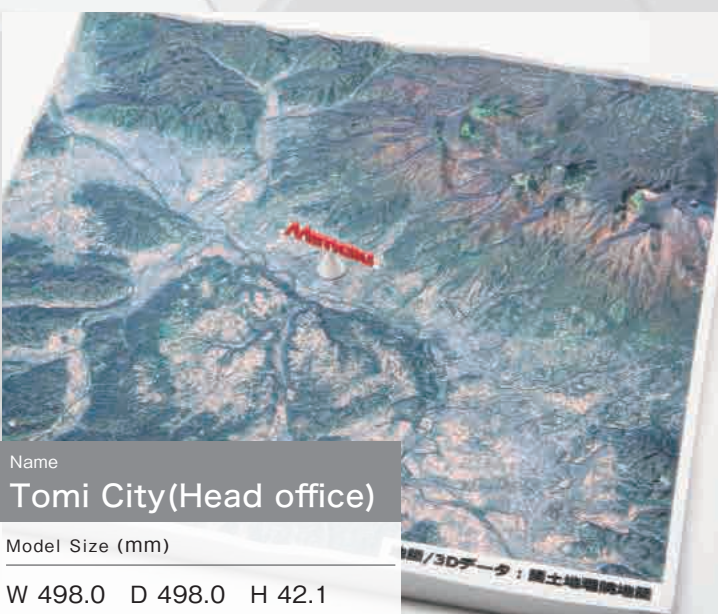
Model Size (mm)

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

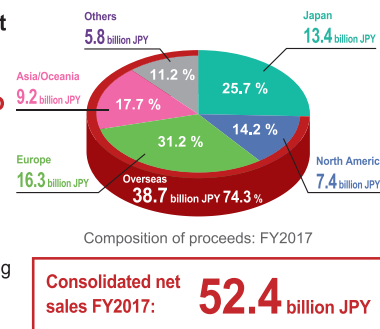
Pioneering the development of inks and software to integrally provide products best matched to market requirements.



Mimaki Global Development

Distributing products to 150 nations/regions of the world.

Expanding global business enabling the acquisition of approximately 75 percent of the consolidated net sales abroad.



Printable surfaces?

Virtually everything, excluding water and air.

Output from our products are everywhere around you.

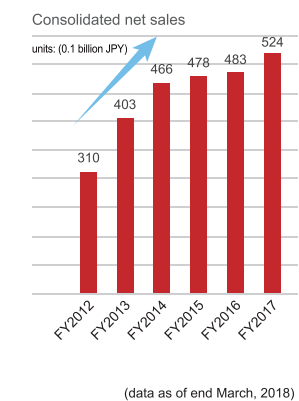
Sign Graphics



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 catalogue are artificial renderings. ●Specifications, design and dimensions stated in this catalogue may be subject to change without notice for technical improvements etc. ●The corporate names and merchandise names written in this catalogue are the trademark or registered trademark of the respective corporations. ●Inkjet printers print extremely fine dots, so colors may vary slightly 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 March 2019.

Mimaki MIMAKI ENGINEERING CO., LTD.
2182-3 Shigeno-Otsu, Tomi-city, Nagano 389-0512, Japan
TEL: +81-268-64-2281

Mimaki Global Network

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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

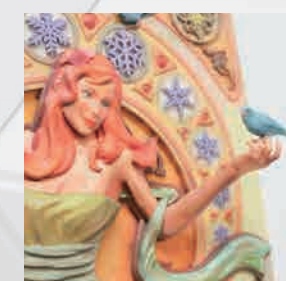


| Print mode | Molding time | Ink consumption(cc) | | | |
|--------------|--------------|---------------------|---------|-------------|-------|
| | | Total | Support | White/Clear | Color |
| Normal | 2h 55m | 220.7 | 106.2 | 107.9 | 6.6 |
| High Quality | 4h 03m | 240.3 | 115.6 | 117.6 | 7.1 |

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 |