



***ASIGA***®

# 3D Printers for Jewelry Manufacturing

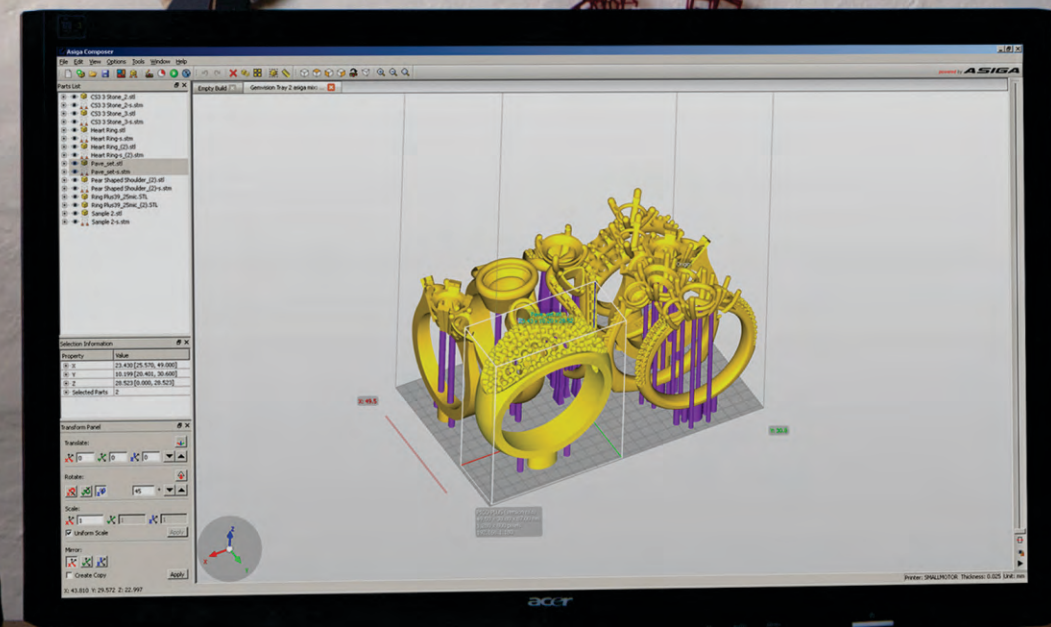
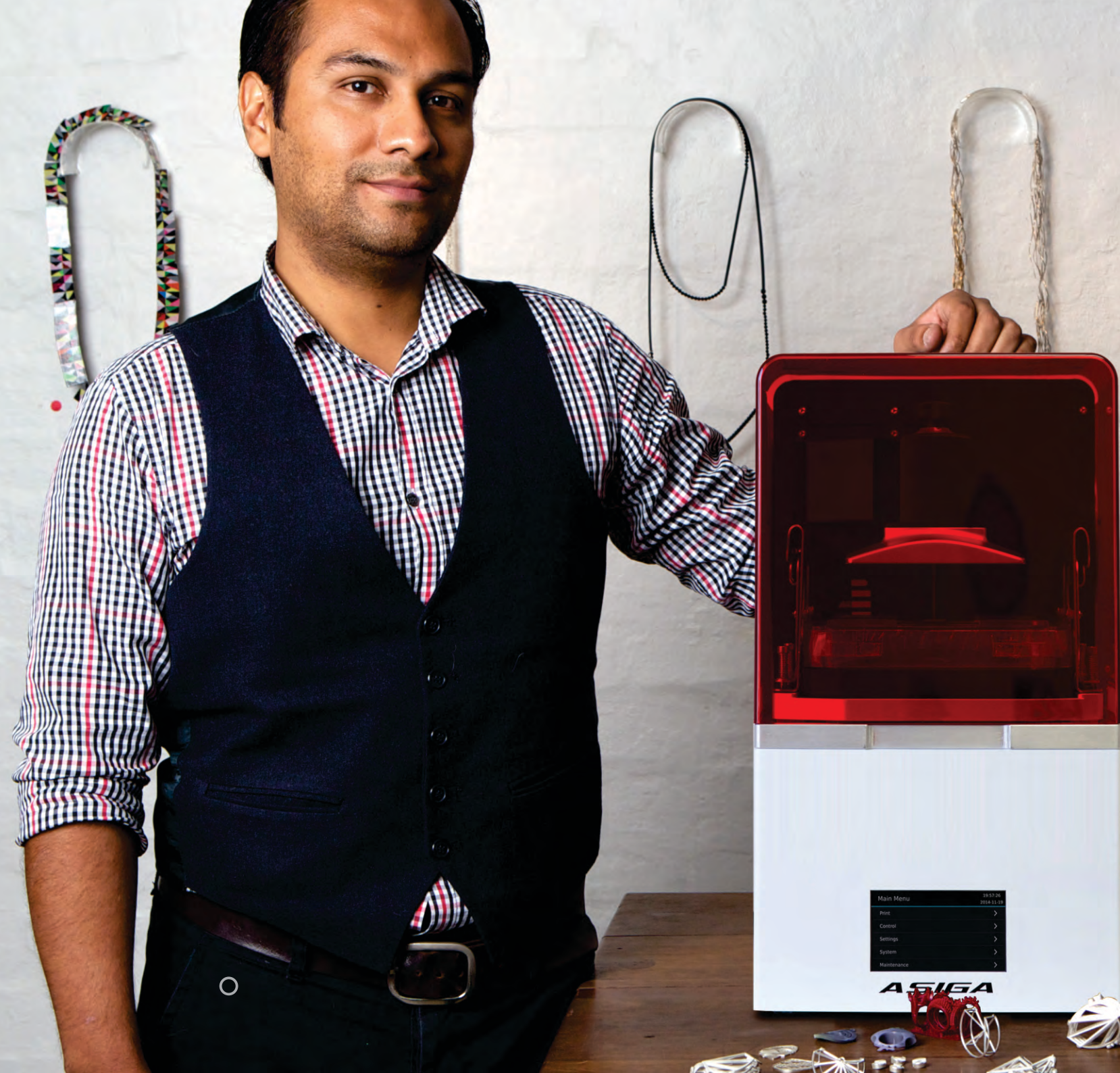
Repeatable precision for quality assurance and productivity.





Being the creators of the precision desktop 3D printer market, we continue to offer precision, surface finish and product innovations designed to outperform any other.







OUR KEY FEATURES  
What makes us different



Wifi Enabled  
connect wirelessly

High Impact Hood  
UV blocking with excellent clarity

Single Point Calibration  
calibrate in under 30 seconds

Auto Power-Off  
energy saving mode

Quick Release  
fast material change-over

Composer Software  
intuitive user interface included

Open Material System  
use any suitable 3<sup>rd</sup> party material

Environmental Control  
reliable performance with every print

SPS Technology  
active layer control for consistent output

Lifetime Technical Support  
free and unlimited

Touch Screen Display  
for greater user convenience

High Power UV LED  
for long term reliability

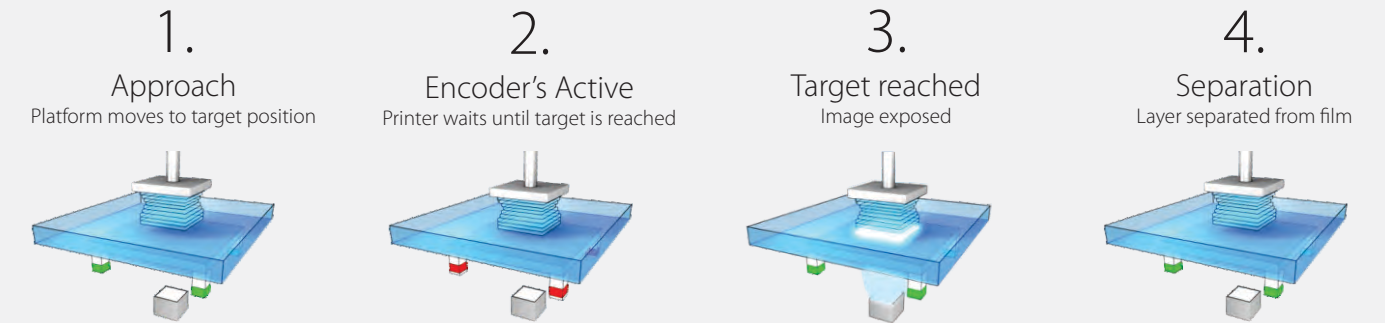
Internal Radiometer  
automatic LED power calibration

Our key features.  
The innovations that make us different.



## Our Smart Positioning System (SPS) Technology.

All MAX systems incorporate Asiga's proven SPS Technology sensor array that guarantees every model layer is formed precisely in minimal time.



The result is precision, speed and reliability that your business can depend on.

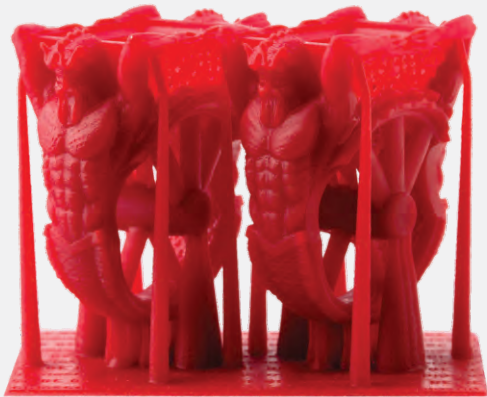


# MAX Mini



## Accurate, reliable, affordable.

MAXMini delivers Asiga's latest SPS technology in an economical format ideal for jewelry studios. Perfect for rapid production of jewelry casting patterns, rubber mold masters and visualization models.



### Printer Performance

Print capacity	up to 15 rings (size dependant)
Print speed - 25µm layers	3.5 hrs (height of tallest piece 30mm)
Print cost (USD)	\$0.50 - \$2 per piece (weight/material dependant)



### Printer Specification

Build size X,Y,Z	51.2 x 32 x 76mm* (2 x 1.26 x 3 inches)
Pixel size X,Y	39µm
Z resolution	Variable in 1µm increments
Light source	High-power 405nm LED
Material system	Open material system
File inputs	STL, SLC, STM
Software	Asiga Composer (included)
Network compatibility	Wifi, Wireless direct, Ethernet
Industry sectors	Jewelry manufacturing
System size	260 x 380 x 370mm (10.2 x 15 x 14.5 inches)
System weight	16.5Kg (packaged 19Kg)
Packaged size/weight	410 x 500 x 480mm (18.1 x 22 x 19.7 inches)
Power	12VDC 10A

\* build envelope size may vary





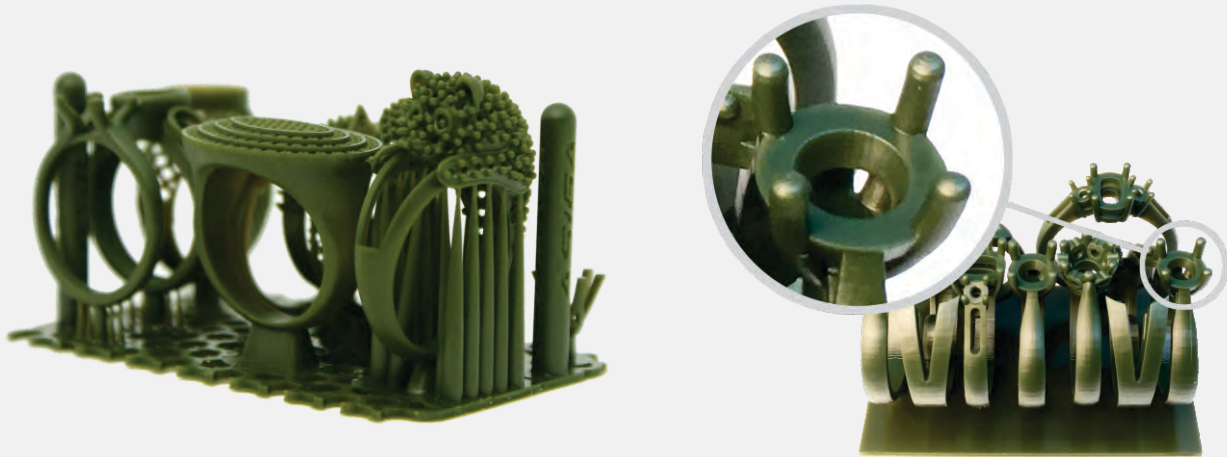


**MAX  
X**



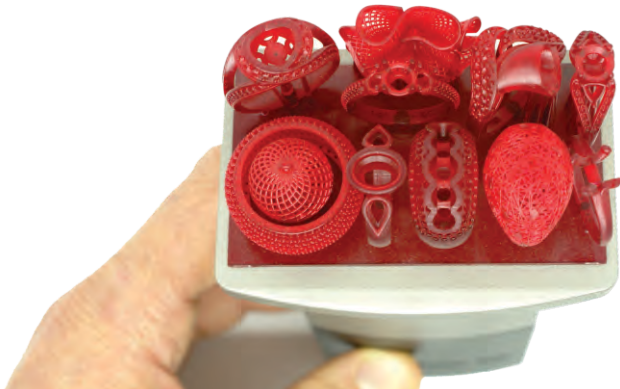
## Flexible precision.

Flexible precision. The MAX X is Asiga's highest resolution jewelry production system with a re-configurable resolution of 27, 35 or 43 microns. This allows the system to be adapted to both extreme resolution and high productivity applications. Built on the extraordinary precision of Asiga's SPS Technology, the MAX X delivers performance, reliability and flexibility for jewelers and casting houses.



### Printer Performance

Print capacity	up to 40 rings (ring size dependant)
Print speed - 25µm layers	3.5 hrs (height of tallest piece 30mm)
Print cost (USD)	\$0.50 - \$2 per piece (weight/material dependant)



### Printer Specification

MAX X27 Build size X, Y, Z	51.8 x 29.1 x 76mm* (2 x 1.14 x 3 inches)
MAX X35 Build size X, Y, Z	67.2 x 38 x 76mm* (2.6 x 1.5 x 3 inches)
MAX X43 Build size X, Y, Z	82.5 x 46.4 x 76mm* (3.24 x 1.82 x 3 inches)
Z resolution	Variable in 1µm increments
Light source	High-power 405nm LED
Material system	Open material system
File inputs	STL, SLC, STM
Software	Asiga Composer (included)
Network compatibility	Wifi, Wireless direct, Ethernet
Industry sectors	Jewelry manufacturing
System size	260 x 380 x 505mm (10.2 x 15 x 19.8 inches)
System weight	19kg (packaged 21.5Kg)
Packaged size/weight	940 x 530 x 500mm (37 x 20.8 x 19.7 inches)
Power	12VDC 10A

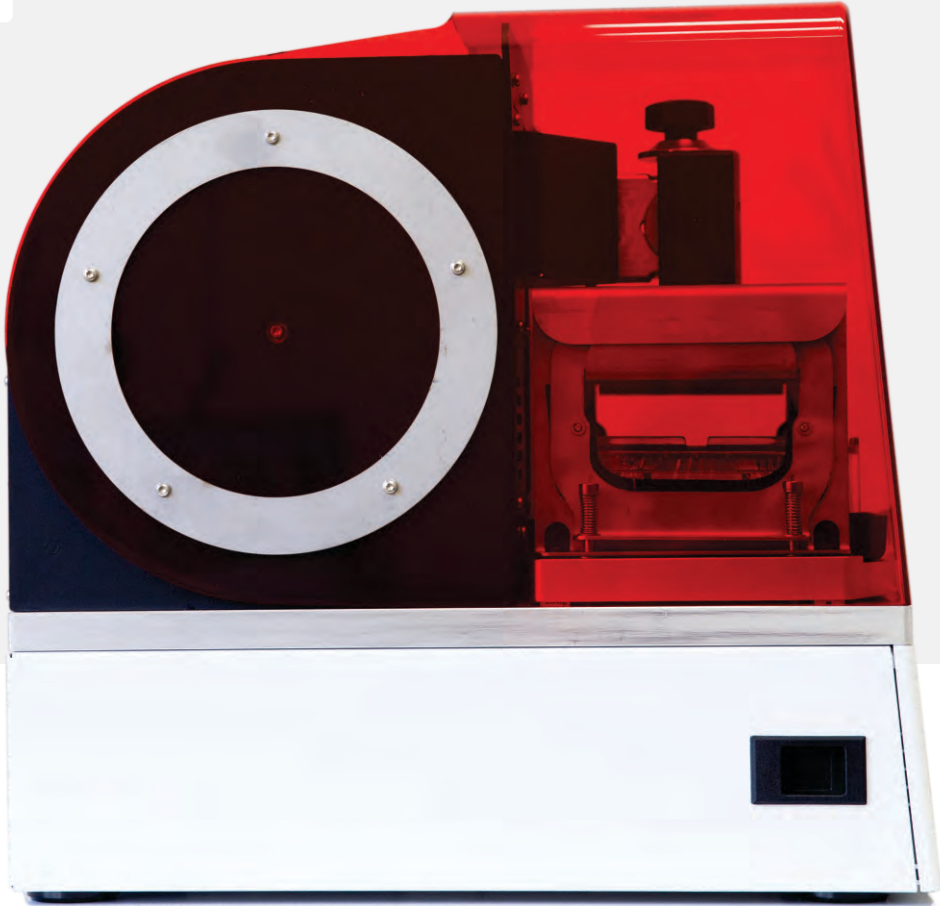




# MAX

## Volume production on your desktop.

The MAX offers Asiga's largest build envelope with the delicate precision required for the production of beautiful jewelry patterns. The larger print volume allows jewelers, artists and casting houses to produce sculptures, bangles, and large quantities of casting patterns in a single print.



### Printer Performance

Print capacity	up to 80 rings (size dependant)
Print speed - 25µm layers	3.5 hrs (height of tallest piece 30mm)
Print cost (USD)	\$0.50 - \$2 per piece (weight/material dependant)



### Printer Specification

Build size X,Y,Z	119 x 67 x 76mm* (4.68 x 2.63 x 3 inches)
Pixel size X,Y	62µm
Z resolution	Variable in 1µm increments
Light source	High-power 405nm LED
Material system	Open material system
File inputs	STL, SLC, STM
Software	Asiga Composer (included)
Network compatibility	Wifi, Wireless direct, Ethernet
Industry sectors	Jewelry manufacturing
System size	260 x 380 x 370mm (10.2 x 15 x 14.5 inches)
System weight	16.5Kg (packaged 19Kg)
Packaged size/weight	410 x 500 x 480mm (18.1 x 22 x 19.7 inches)
Power	12VDC 10A

\* build envelope size may vary





# Which Asiga MAX is for you?



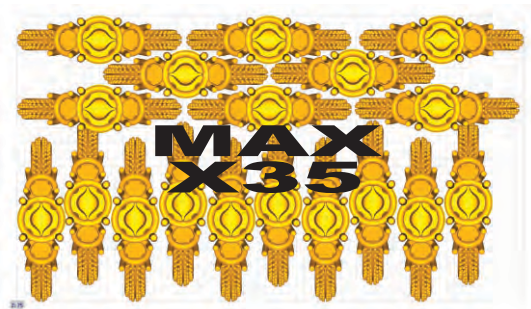
## MAXMini

11x rings  
Build size: 51.2 x 32 x 76mm (2 x 1.26 x 3 inches)  
10 micron build time: 8hrs  
25 micron build time: 3.5hrs



## MAX X27

9x rings  
Build size: 51.8 x 29.1 x 76mm (2 x 1.14 x 3 inches)  
10 micron build time: 8hrs  
25 micron build time: 3.5hrs



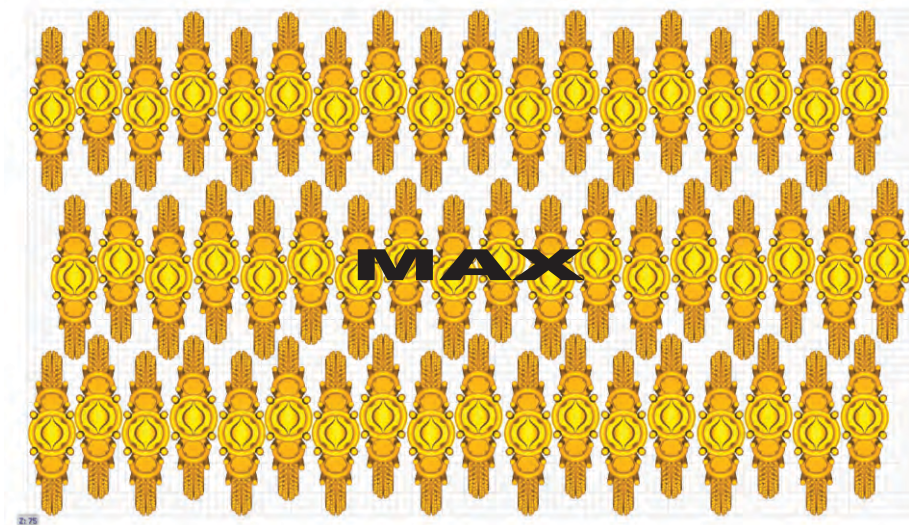
## MAX X35

18x rings  
Build size: 67.2 x 38 x 76mm (2.6 x 1.5 x 3 inches)  
10 micron build time: 8hrs  
25 micron build time: 3.5hrs



## MAX X43

26x rings  
Build size: 82.5 x 46.4 x 76mm (3.24 x 1.82 x 3 inches)  
10 micron build time: 8hrs  
25 micron build time: 3.5hrs



## MAX

54x rings  
Build size: 119 x 67 x 76mm\* (4.68 x 2.63 x 3 inches)  
10 micron build time: 8hrs  
25 micron build time: 3.5hrs





3D printing materials for jewelry manufacturing,  
from casting wax to rubber molding.

**SuperCAST<sup>HD</sup>**

Direct Casting  
Resin material  
for Gold Alloys



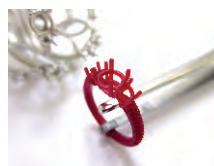
**SuperWAX**

Direct Casting  
WAX material for  
Platinum, Gold Alloys



**SuperCAST**

Direct Casting  
Resin material  
for Gold Alloys



**FusionGRAY**

Vulcanized  
Rubber Molds  
& RTV



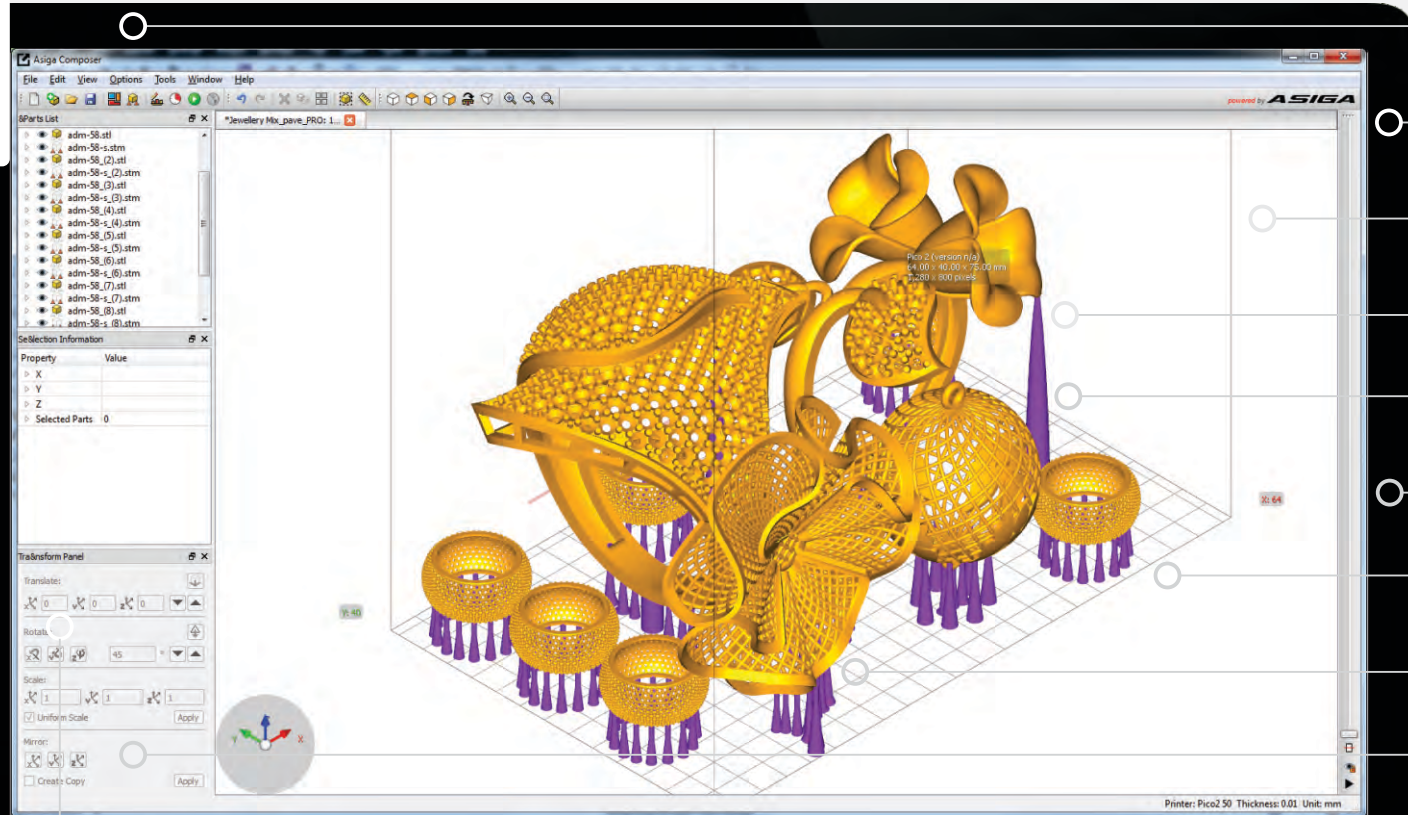
Our Open Material System allows for printing  
with any suitable material from any material  
manufacturer.



Available in both 500ml & 1l bottle sizes







Auto-Supports  
for greater user efficiency

Remote Control  
login to your 3D printer remotely

Build Time Estimator  
schedule workflow

STL / SLC or Both  
load STL & SLC into the same build

Flexible Supports  
avoid support collisions

Multi-Stacking  
maximize Z height usage

Dynamic Array  
maximize build area usage

Add Casting Sprue  
streamline casting workflow

Load Multiple Builds  
onboard PC to store multiple builds

Final Check  
measurement tool

License Free  
free updates, forever.

User Control  
full user access to build settings

Composer is the software interface to all our  
3D Printers. Powerful, intuitive and free.

Multi-Operating System  
Apple, Windows & Linux





# ASIGA

Free and unlimited lifetime technical support.  
Local sales, service and support via our global  
reseller network.



Affordable Digital Manufacturing, it's something Asiga invented.

In 2011, Asiga launched the world's first LED based DLP 3D printer and started the affordable desktop stereolithography revolution which changed digital manufacturing forever.

Asiga won the MJSA's 2012 Thinking Ahead award for best new technology and gained international recognition for innovative products which continue to lead their respective categories to this day.

Asiga designs and manufactures all products at it's headquarters in Sydney, Australia. Asiga's in-house mechanical, electrical, software and materials team ensures continued innovation and product improvement.

Contact us or one of our resellers to learn more.

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