



# *One Stop Solution for Jewellery Manufacture*



**BUILD MATERIAL****3D BUILD MATERIAL**

N.W.: 1.2kg/bottle ( 2 material bins, each device, auto reloading)

**SUPPORT MATERIAL****3D SUPPORT MATERIAL**

N.W.: 1.3kg/bottle ( 2 material bins, each device, auto reloading)

**MOLDING METHOD**

MJP

**PRINTING AREA**

400\*200\*144mm

**PRINTING MODE**

XHD: 120 DPI: 16u

**DIMENSION ACCURACY**

+0.04mm/20mm

**POWER SUPPLY**

AC220-240V, 50HZ, 3KW

**OVERALL SIZE**

1415\*790\*1160mm

**OVERALL WEIGHT**

380 KG

**PACKAGE SIZE**

1700\*1000\*1400mm

**GROSS WEIGHT**

500KG

**APPLICATION SOFTWARE**

3D Sprint

**DATA SUPPORT FORMAT**

.stl/.slc

**EMAIL NOTIFY**

Applicable

**DISK CAPACITY**

500G

**NETWORK CONNECTION**

Network 10/100/1000 ethernet / USB

**CUSTOMER OPERATION SYSTEM**

Windows 7 / Windows 10 (64 Bit)

**OPERATION ENVIRONMENT**

18-28°C / 30-70% humidity



Molding method	: MJP
Molding size	: 400*210*150mm
Printing mode	: XHD:1440*1440*1690DPI 15μ : UHD:2880*1440*2100DPI 12μ
Dimension accuracy	: ±0.04mm/20mm
Power supply	: AC220-240V.50HZ.3KW
Overall size	: 1468 1415 675mm
Overall weight	: 450KG
Gross weight	: 580KG
Application software	: WUKONG
Data support format	: stl slc stp step obj 3mf amf
E-mail notify	: Applicable
Disk Capacity	: 500G
Network connection	: Network 10/100/1000/2500 ethernet/USB
Customer operation system	: Windows 10/Windows 11(64bit)
Operation environment	: 18-28 C      Humidity30-70%

## MATERIAL DATA

Build material	: 3D-ZB-ZT N.W. 1.5kg/pc 2 material bins, each device, auto reloading
Support material	: 3D-ZB-ZC N.W.: 1.6kg/pc 2 material bins, each device, auto reloading

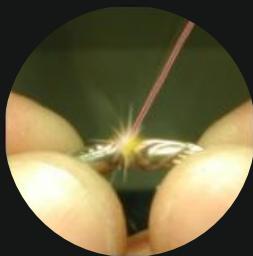


# PORTABLE JEWELLERY LASER WELDING MACHINE

## FEATURES

- Gold and silver repair welding without painting
- Maximum 200W, 200 Joule
- 50 % energy saving
- High resolution vision CCD, 7 inches
- 24 hours continuously working

<b>LASER SOURCE</b>	ND YAG
<b>LASER WAVELENGTH</b>	1064nm
<b>MAXLASER POWER</b>	200w
<b>FREQUENCY RANGE</b>	1 - 50Hz
<b>PULSE WIDTH RANGE</b>	1 - 20ms
<b>SPOT SIZE RANGE</b>	3mm-3mm
<b>MAX ENERGY</b>	200 Joule
<b>COOLING SYSTEM</b>	Air cooling with water circulation
<b>AIMING POSITIONING</b>	CCD with 10X micro scope
<b>POSITIONING ACCURACY</b>	+/-0.02mm
<b>INPUT POWER</b>	220VAC150HZ/60HZ 30A
<b>POWER OF MACHINE</b>	4000W
<b>MACHINE SIZE</b>	680*360*363mm





# MOTORIZED ENCLOSED FIBER LASER MARKING & CUTTING MACHINE



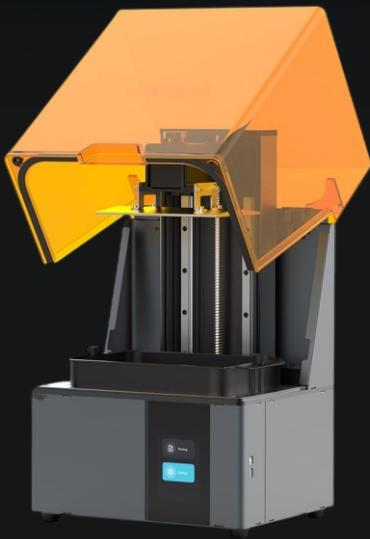
## FEATURES

- 100W
- Large viewing window
- Led lightening available when door closed
- Motorized z-axis for lifting
- Long item static and rotating marking is available
- Large marking area, maximum 175\*175mm
- Auto gold silver sheet cutting with feeder available

- 50W enclose fiber marking machine with 2.5D head 1.50W RAYCUS laser source 1set
- high speed scanner head with dual red beams can easy focus 1set
- Si Coated F-theta marking size: 100X100mm 1set
- Jzc card EZ CAD software With autofocus 2.5D head 1set
- Power supply
- protective goggles 1pairs
- foot pedal 1set
- USB with software inside

<b>LASER POWER</b>	50W / 100W
<b>LASER WAVELENGTH</b>	1064nm
<b>LASER SOURCE</b>	Raycus
<b>OPTICAL QUALITY</b>	M2<1.2
<b>MARKING FIELD</b>	100mm*100mm / 175mm*175mm
<b>MINIMUM LINE WIDTH</b>	0.03mm
<b>MINIMUM CHARACTER</b>	0.2mm
<b>MARKING SPEED</b>	0~7000m/s
<b>COOLING SYSTEM</b>	Air cooling
<b>POSITIONING ACCURACY</b>	0.01mm
<b>REPEAT ACCURACY</b>	0.01mm
<b>INPUT POWER</b>	AC 220V+22V 50HZ/60HZ 10A
<b>POWER OF MACHINE</b>	<1000W
<b>UP/DOWN CONTROL</b>	Switch button
<b>MACHINE SIZE</b>	636*420*648mm
<b>NET WEIGHT</b>	75KG





## ALPHA 14K

XY axis accuracy	:	16.8*24.8 $\mu\text{m}$
Printing size	:	223x126x200mm (WxLxH)
Display	:	10.1"14K Ultra HD Mono LCD
Resolution	:	13320*5120
LCD screen life	:	2000h
Light source energy	:	4000W
Support consumable types	:	405nm resin like: High Fidelity Model Resin Flexible / ABS / Transparent/ Rigid Water Washable / PLA etc.
Z-axis type	:	Dual linear rails + ball screw
Print speed	:	70mm/h (0.05mm)
Print layer thickness	:	0.01-0.2mm
Input voltage	:	100-120/200-240V~, 50/60Hz
Rated power	:	240W
Touch screen	:	5 "color screen
Languages	:	Supports 13 languages
Connection method	:	USB, WIFI
Package size	:	480x425x720mm (WxLxH)
Machine size	:	340x292x552mm (WxLxH)



## ALPHA 16K





- High Speed: 5-6x Faster than SLA
- High Yield: Success Rate Up to 99.9%
- Performance: Compatible with Rubber, High-Temp, Ceramics Resin
- Auto Continuous Printing & Part Removal (Optional)
- Fully Automated 24/7 Production

Product Model	DLP-DM200	DLP-DM300	DLP-DM400
Printing Size	192*108*120mm	288*162*300 mm	384*216*330mm
Z Axis Accuracy		0.002mm	
Net Weight (Without Material)	65KG	240KG	320KG
Printing Speed		6-8 second/layer	
XY Resolution	50um	75um	100um
Printing Technology			
Machine Size (L*W*H)	515*410*830mm	735*632*1534mm	810*590*1530mm
Layer Thickness		0.03-0.15mm	
Power supply		220V/50HZ	
Light Source		4K, 405mm Light Source	
Import File Format		igs, stl, step and so on	
Slicing Software		Voxel Dance Tango	
Connection Type		USB Stick	
Operating System		Zongheng Embedded System	



## CNC ENGRAVING MACHINE SUITABLE FOR JEWELLERY MOP STONE GLASS GEM CUTTING 4 AXIS LINKAGE WORK SIZE 150\*80MM 1KW

### APPEARANCE SIZE



### PRODUCT PARAMETER

Name	30 Engraving Machine
X/Y/Z TRAVEL	147*118*85mm
Dimension of three-dimensional processing	80*L110mm
Relief processing size	125*110*80mm
Appearance size	600*505*590mm
Weight	≈80kg
Material	Aluminum Alloy
Engraving and clamping method	Four-Jaw chuck/top pressing /gluing/ fixture
Engraving precision	0.01mm
Spindle speed	0-24000rpm/min
Machining speed	0-3000mm/min
Spindle Power	800W four-bearing water-cooled inverter spindle
Guideway	Imported 20 square rail
Screw	Imported TBI screw
Drive type	Mixed servo
Clamping tool shank diameter	2.3/3/4/6mm
Rated Voltage	AC 220V/ 50-60 Hz
Overall power	1.2KW
Control System	Ly400 four-asix linkage CNC system



BOTH MODES ARE AVAILABLE  
BUY ONE MACHINE AND EXPERIENCE MULTIPLE FUNCTION MODES

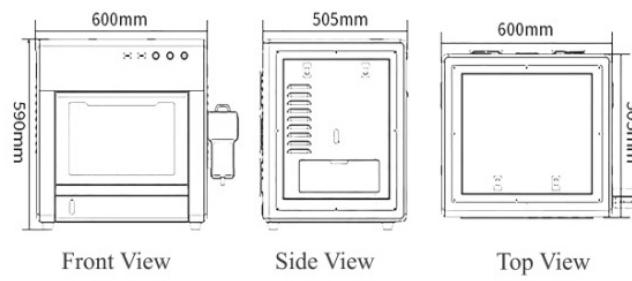


Mobile APP  
No need to program engraving



DIY  
Design creation engraving

### APPEARANCE SIZE







# Electro Polishing Machine



This Electropolishing machine is sturdy and high-performer. It has been developed as per German Standards, hence adheres to the same performance and quality standards.

## Features :

- Leak proof PP Tank with 20 litres capacity.
- High Capacity – 25V and 25 Amp CCCV Rectifier.
- Different Jigs for different ornaments.
- Ease of use as the various settings are available on an interactive display on the machine.
- High-Capacity motorised movement that has been tested under different conditions and can be set on different parameters based on the ornaments
- Reduces Dhaga Polish and manual polishing by 85%.
- The same machine can be used for Silver as well as Gold Jewellery by just changing the Chemical.
- Low maintenance and Sturdy build.



# ALL TYPES OF RESIN, WAX, SPARE PARTS & 1 YEAR AMC SERVICE AVAILABLE





NEW

# WaxJet 510

## Next-Level Precision Perfect for K-Gold Wax Mold Casting

WaxJet 510 jets wax layer by layer for high-precision printing, achieving smooth wax molds with details fully restored. The optimized technology minimizes wax waste, enhancing printing efficiency and reducing costs. It is a reliable and efficient solution for crafting K-Gold wax molds.



Product Specification		Material Specification	
Printing Technology	MultiJet Printing (MJP)	Material Name	FFWJ1200
Build Volume	289*208*100mm	Material Type	FFMS3200
Printing Mode	XHD: 2900*2900*1700 dpi; layer thickness: 15μm	Net Weight	Part wax
Dimensional Accuracy	±0.04mm/20mm	Composition	Support wax
Power Supply	AC220-240V, 50Hz, 4KW	Color	1.5kg/bottle
Equipment Dimensions	1352*775*1600mm	Density@95°C(liquid)	1.6kg/bottle
Net Weight	480kg	Melting Point	100% Wax
Gross Weight	630kg	Softening Point	Wax support wax
Package Size	1530*900*1837mm	Volumetric Shrinkage ①	68°C
Slicing Software	WaxJetPrint	Linear Shrinkage	55°C
Supported File Format	.stl/.slc	Needle Penetration Hardness ②	Red
Email Notification	✓	Ash Content③	9
Hard Disk Capacity	500G	Description	<0.01%
Connectivity	Network 10/100/1000 Ethernet/USB		High-precision casting wax
Supported Operating System	Windows 7 / Windows 10 (64bit)		Hands-free dissolvable support wax
Working Environment	Temp.: 18-26°C, Humidity: 30-70%		



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Power Supply	AC220-240V, 50Hz, 4KW
Equipment Dimensions	1352*775*1600mm
Net Weight	480kg
Gross Weight	630kg
Package Size	1530*900*1837mm
Slicing Software	WaxJetPrint
Supported File Format	.stl/.slc
Email Notification	✓
Hard Disk Capacity	500G
Connectivity	Network 10/100/1000 Ethernet/USB
Supported Operating System	Windows 7 / Windows 10 (64bit)
Working Environment	Temp.: 18-26°C, Humidity: 30-70%

### Material Specification

Material Name	FFWJ1200	FFMS3200
Material Type	Part wax	Support wax
Net Weight	1.5kg/bottle	1.6kg/bottle
Composition	100% Wax	Wax support wax
Color	Red	White
Density@95°C(liquid)	0.79g/cm <sup>3</sup>	0.85g/cm <sup>3</sup>
Melting Point	68°C	55°C
Softening Point	63°C	-
Volumetric Shrinkage ①	1.10%	-
Linear Shrinkage	0.70%	-
Needle Penetration Hardness ②	9	-
Ash Content③	<0.01%	-
Description	High-precision casting wax	Hands-free dissolvable support wax



NEW

# Melt (M1 & M3)

## Wax Printing Technology using Multiple Jets

Melt 1 Wax 30 printer used to create high precision wax models in a multi-material system where the part and supports are formed with different materials. The supports get dissolved and the part material forms the 3D model. The 3D printed wax is used for Investment Casting of precious metals like Gold and Silver.



### Performance Parameters

### Melt 1 (M1)

Build area

285 mm x 218 mm x 100 mm

Resolution (in DPI)

1200 x 1200 x 1600

Print speed (Single | Double | Triple)

6.3/4.2/2.1 mm height /hour

Printerhead

Xerox High Temperature Series

Layer height

16um

Dimensions (WxDxH)

1390 mm x 815 mm x 1500 mm

Connections

USB/LAN

Touch Control LCD Display

10.1

Unique features

Fully automatic System

Adjusts speed based on active lanes

High density packing



*One Stop Solution for Jewellery Manufacture*



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