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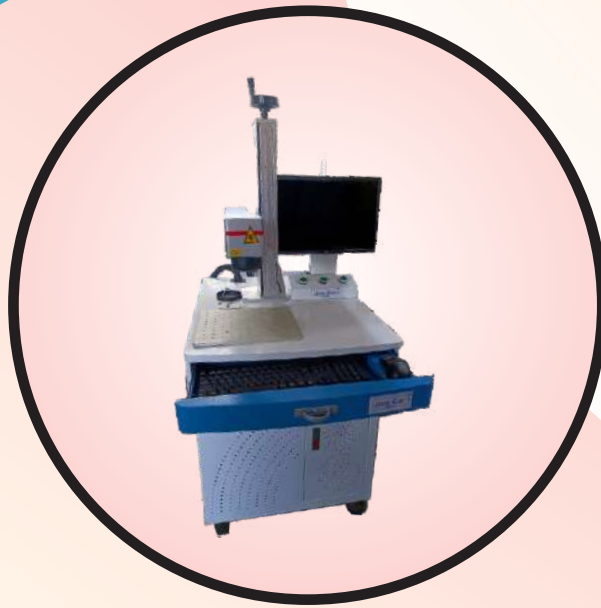
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## Quality, Innovation, Experience.

Jewel Cast is manufacturer of jewelry making machines, casting machines Ultrasonic Cleaners, Steam Machine, Filling Machine, Buffing Polishing Machine Gold Plating, Radium Machine, Water Jet & etc. We bring creativity and innovation to wide rang of industries around india. From Medical equipment to jewelry. Industrial equipment to Firearms, there is an application for ultrasonic cleaning in almost every industry.

We are pleased to introduce our Jewellery Machine to you. This is a specially developed for "Jewellery Making & Plating" processing. Our experience in this line of trade since 15<sup>th</sup> years has gained us a lot in expertise. We have also gained remarkable capacity for quantity manufacturing to take care of our clients needs on schedule.

We guarantee "Excellent quality" and give "Prompt Service"

Enclosed please find Machine Photo and Technical date. We would be highly obliged to be enrolled our name in your regular suppliers list. Kindly send your valued enquiries / orders for current requirements.

Thanking you and awaiting your valued instructions.

**MFG. OF : JEWELLERY MAKING MACHINERY**



# Cam 3D Printer LCD



**SYSTEM: EL3D-3.0.1**  
**CONTROL: 3 5" TOUCH SCR**  
**SLICING: CHITU BOX & VC**  
**CONNECTTVTTY. USB,**  
**TECHNOLOGY MSLA**  
**LIGHTSOURCE: COB (WAV**  
**XY RESOLUTION 19\*24U**  
**Z AXIS ACCURACY: 0.02M**  
**LAYER THICKNESS 0.01**  
**PRINTING SPEED 30-70'**  
**POWER REQUIREMENTS:**  
**PRINTER DIMENSIONS 30**  
**PRINT VOLUME 218.88M**  
**G.W: 15.2KG**  
**N W: 11KG**

## Electro Polishing Machine

Particular	Details
Capacity	9 Ltrs
Hood Rod	6
Hook Layers	Single
J Hooks	12
Zig (Provided)	2
Zig (Working at Time)	1
Media Capacity	9 kgs
Input Voltage	230V, 50Hz
Capacity In Grams	80-100
Dimension	19"3x31"x28"



# Jewellery Casting Machines



## 3 In one Vacuum Casting Machine

### Specification:

14" Powder Investment Chamber  
4" Casting Chamber  
1Kg. Gold Melting, Metal Melter with Digital Temp. Controller Rang. 0 to 1200°C  
300 / 225 Ltr. Vacuum Pump.  
Transformers 20/40 Amp. For Metal Melter  
Total Electricity Wattage 1 Kw

### Features:

300 / 225 Liter 2 Stage High Vacuum Pump for instant and powerful vacuum.  
Powerful 1.5 hp single phase ac motor  
Heavy gauge vacuum tank.  
Hydraulic fitting vacuum pipe line



## Burnout Furnace

### Specification:

12 Nos. ( 3"x7" ) Flask Size : 17"x13"x10", ( L x W X H ) 6Kw.  
With Auto / Manual Controller & Safety controller 0 to 800° C  
Housing : Totally Stainless steel  
Built in F. H. K. Bricks. With or without stand.



## Valcanizer

### Specification:

With Analog / Digital Temperature Controller & Timer.  
Plate size - 6"x 8" / 8" x 8"  
Temp.-0 to 300°C  
230v, A.C./50Hz, 1Kw  
Double Pillar / Four Pillar Type



## Wax Injector

### Specification:

With Analog / Digital Temperature controller  
Double nozzle for two Operators  
Wax pot cap.2Kg.  
230v, AC / 50Hz, 1Kw.  
With foot pump Opt.  
(Type Round / Box)



## GOLD & SILVER MELTER

### Specification:

Power: 1700WATTS  
In put voltage : 230V AC.  
Outer body : MS. Powder Coated.  
Dimension : 50" x 28" x 48" ( L x B x H )

### Features:

- \* Inbuilt heat reduction system.
- \* Digital temp control.
- \* Very fast melting & save power and time.
- \* Light weight body.



# Investment Mixer Machine



## Investment mixer Machine

Volt.: 220V A. C. Vacuum pump 650L

Chamber capacity 5 Flask / 4 Flask

Powder cap.: 10 Kg

# Water Jet Cleaning



## Water jet Cleaning

3 Piston pump,

single ph. / 3 ph. 3HP Motor

Body Full S.S. OR M.S. Body

# Water Chiller Machine



## Water Chiller Machine

Volt. :220v Single ph.

Compressor.: 0.75 T / 1.0 T / 2.0 Tone

Litter Cap.: 20L / 50L / 100L / 200L

# Hot Air Dryer



## Hot Air Dryer

Volt.: 220v A.C.

Heater .: 8Kw.

Blower. 1HP.

RPM.: 2800

Temp.: 60c to 110c

## S.S. STEAMER



### Features:

- \* Stainless steel body to eliminate rusting and corrosion.
- \* Safe to operate and maintain.
- \* Easy refilling.
- \* High, Medium & Low water level Sensors with Auto cut - off.
- \* With all necessary safety valve and pressure release system.
- \* Steam jetting by foot switch control.
- \* Factory set pressure control system.

Model No.	Liter Capacit	Nozzle	Tank Size	Heating Cap.
JC/0207	7.5 Liter.	1	8" x 9½"	2500 watts
JC/0209	9 Liter.	1	9½" x 10"	2500 watts
JC/0212	12 Ltr.	2	10" x 10"	4000 watts
JC/2014	15 Ltr.	2	10" x 12"	4000 watts
JC/2020	20 Ltr.	2	12" x 12"	4000 watts
JC/02025	25 Ltr.	2	12" x 14"	6000 watts
JC/2030	30 Ltr.	2	14" x 13"	6000 watts

## MAGNETIC POLISHER

### Specification:

Electrical supply : 1 phase, 230v AC, 50Hz  
 Wattage : 500 / 750 watts  
 Motor with Drive : ½ HP. AC. / 1 HP. AC.  
 Speed : 0 to 2800 RPM.  
 Motor H.P. : ½ HP. AC. / 1 HP. AC.  
 Media : Magnetised pins 0.3 / 0.5 mm  
 Imported Magnet (Ring Type): 6 nos./8 nos.

### Features:

- \* Works on magnetic and rotary principle. in reverse and forward direction.
- \* Gives shine to pieces at almost no loss.
- \* Eliminates 90% need of semi-polishing of Jewellery pieces



### Specification:

Electrical supply : 1 phase, 230v AC, 50Hz  
 Wattage : 500 / 750 watts  
 Motor with Drive : ½ HP. AC. / 1 HP. AC.  
 Speed : 0 to 2800 RPM.  
 Motor H.P. : ½ HP. AC. / 1 HP. AC.  
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# Filing Table with Dust Collector



230 v  
Single Phase  
1.5 hp  
300 CFM with Vacuum Dust  
Collector Inside try with SS  
and MS Coating Body



## Polishing & Finishing Machines.

### DUST COLLECTOR POLISHING MACHINE (DOUBLE OPERATE)

**Features:**

- \* Inbuilt silencer for noise reduction.
- \* DOL Starter.
- \* Strong Suction Motor.
- \* M.S. Powder Coted top with 2 nos of drawers.
- \* Aerodynamically designed M.S. hood.
- \* PL light with toggle switch on the hoods.
- \* Foot shaker lever for dusting the dust in tray.
- \* Pocket cloth filters of 10 micron.

### DUST COLLECTOR POLISHING MACHINE (SINGLE OPERATE)



Model No.	JC/PL - 2	JC/PL - 1	JC/PL - 1 (Seating)
Station	Double	Single	Single
Power Supply	Single Phase - 230 V AC	Single Phase - 230 V AC	Single Phase - 230 V AC
Bench Motor	¾ Hp. 1 Phase	¾ Hp. 1 Phase	¾ Hp. 1 Phase
Blower Motor	1.5 Hp	0.5 Hp	0.5 Hp
Suction Power	250 CFM / Station	250 CFM / Station	250 CFM / Station
Filtration Bags	16 Pockets	11 Pockets + Single	Single Pockets
Outer body	MS. Powder Coated.	MS. Powder Coated	MS. Powder Coated
Dimension	50" x 28' x 48"	29" x 28" x 48"	42" x 17" x 33"

## What is Ultrasonic Cleaning ?

Ultrasonic cleaning combines the sciences of engineering and chemistry to create an Unsurpassed cleaning. It occurs when ultra-high frequency sound wave are passed through a cleaning solution creating cavitations. Cavitations creates a High-energy Vacuum effect, safely pulling debris, foreign particles and contaminants from object surfaces.

With Ultrasonic Cleaning, both the exterior and interior surfaces, including Blind holes, are thoroughly cleaned. Ultrasonic cleaning has been proven to be more effective than any other method and cleans areas that are unreachable with Manual cleaning.



### \*\* ULTRASONIC MULTI-STAGE SOLVENT CLEANING SYSTEMS:

- 1) Pre – cleaning,
- 2) Ultrasonic immersion cleaning,
- 3) Vapor rinsing,
- 4) Drying,
- 5) Continous distillation.



### FREQUENCY OF OPERATION:

20Khz +/- 3khz or 33Khz +/- 3khz. High efficiency sandwich type piezo electric transducers made of Lead, Zirconate & Titanium.

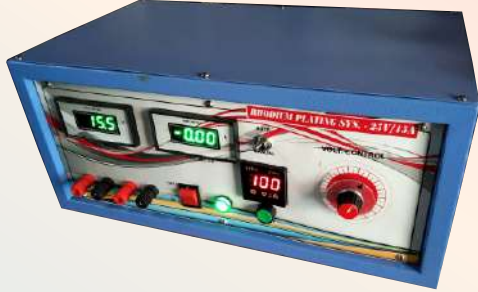
Model No.	Tank Size	Power	Heater Cap.	Liter Cap.
JC/150	10" x 6½" x 5½"	150 Watts	400 Watts	6.0 Ltr.
JC/250	11" x 7" x 7"	250 Watts	500 Watts	9.0 Ltr.
JC/400	12" x 8" x 9"	500 Watts	800 Watts	15.0 Ltr.
JC/500	13" x 9" x 10"	500 Watts	800 Watts	18.0 Ltr.
JC/750	15" x 9" x 10"	750 Watts	1500 Watts	22.0 Ltr.
JC/1000	16" x 10" x 10"	1000 Watts	1500 Watts	25.0 Ltr.





# Rhodium & Gold Plating Machines.

## PLATING RECTIFIER WITH DIGITAL TIMER (DIGITAL CVCC TYPE)



### **RHODIUM PLATING PLANT 3 BICKER / 4 BICKER / 6 BICKER 3 LTR. / 5 LTR. / 10 LTR.**

- Features:**
- \* Applicable for White, Yellow, Pink, & Black, Rhodium Plating.
  - \* Water heating with automatically temperature control system.
  - \* Digital features.
  - \* Auto Short Circuit Protection Systems.

- Specification:**
- Outer Body : M.S. body
  - Electrical Sup : 1 Ph, 230v AC, 50Hz
  - Rectifier Output : 0 to 20v DC, 15 Amps

- Features:**
- \* Digital voltage display for accuracy
  - \* Applicable for White, Yellow, Pink & Black, Rhodium, Plating etc
  - \* Inbuilt Volt. & Amp. Control system.
  - \* Digital Timer Volt & Amp. control.
  - \* Auto Manual Systems For Best Plating



## **RHODIUM PEN PLATER**

- Features:**
- \* Digital voltage display for accuracy
  - \* Also available with 2 pen system
  - \* CVCC. Rectifier system
  - \* Applicable for White, Yellow, Pink & Black, Rhodium, Plating etc.



## Laser Marking Machine

### Technical Specification :

Laser Type	: Pulsed Fiber Laser
Laser average out put power	: 20 W-Mega Model
Wavelength	: 1064 nm
Laser Source	: Max P
Scan Head	: Indian
Output Power Stability (Typical)	: 5%
Power Adjusting Range	: 1~100%
Resolution Frequency	: 20-80 Khz
Beam Quality (M <sup>2</sup> )	: <1.8
Max. Linear Speed	: 12000 mm/s
Marking Depth	: 0.01~0.3 mm (Material Depended)
Red Alignment Laser	: Yes

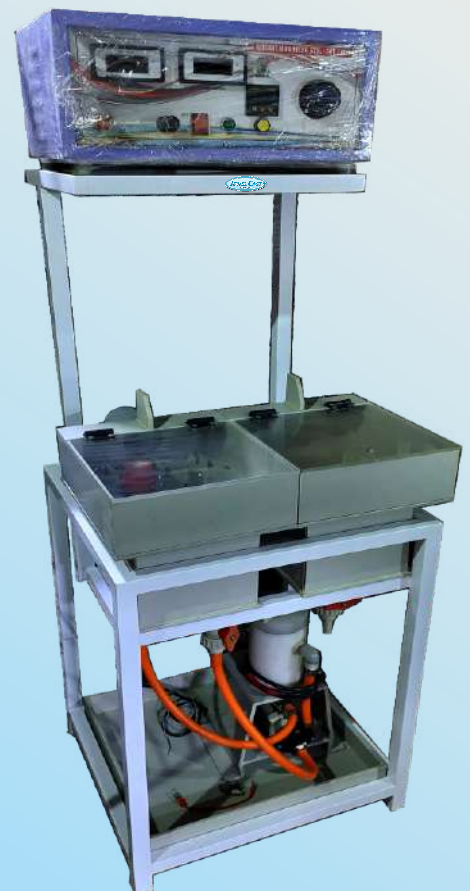


## Hard Gold Plant

### Gold / Silver / Nickel Plating Plants

#### Features:

- \* Applicable for White, Yellow, Pink, & Black, Rhodium Plating.
- \* Water heating with automatically temperature control system.
- \* Digital features.
- \* Auto Short Circuit Protection Systems.



# Laser Soldering Machine



<b>Laser Power</b>	:	<b>200W</b>
<b>Laser Beam</b>	:	<b>1064nm</b>
<b>Plus Frequency</b>	:	<b>1-100HZ (Adjustable)</b>
<b>Pluse Width</b>	:	<b>0.1-20ms (Adjustable)</b>
<b>Spot Diameter</b>	:	<b>0.2-3.0mm</b>
<b>Focal Length</b>	:	<b>F=120mm</b>
<b>Lamp</b>	:	<b>7*270mm</b>
<b>Pulse Energy</b>	:	<b>80J</b>
<b>Spot Size</b>	:	<b>0.02-2.5mm</b>
<b>Power Consumption</b>	:	<b>6KW</b>
<b>Voltage</b>	:	<b>220V+10%/50Hz</b>
<b>Machine Grand Weight</b>	:	<b>100kgs</b>

## Hydromax

### No Co2 EMISSIONS

Since the unit use water to create the fule, the waste will be just water vapor instead of toxic fumes.

### VERY DRY GAS

Dry flams and consequent clean brazing surface.

### ECONOMICAL

Low cost monthly usege

### LINEAR MANUAL POWER ADJUSTER

With our system. you can adjust the size of your flame linearly. from the unit or from the torch by using our torch with flame regulation.



### TECHNICAL SPECIFICATION

Particular	JC – 2 Torch	JC – 4 Torch	JC – 10 Torch
Gas Type	Mixed Gas	Mixed Gas	Mixed Gas
Gas Production	80 Lt/h	160 Lt/h	350 Lt/h
Demineralized Water Consumption	41 cc/h	82 cc/h	175 cc/h
Alcohol Consumption	15 cc/h	30 cc/h	60 cc/h
Booster Tank Capacity	225 cc	282 cc	500 cc
Max Power	590 (220/230V)	950 (220/230V)	KW 1.5 (220/230V)
Electrolytic Solution Quantity	1 Lt (0.132 US Gal)	3 Lt (0.132 US Gal)	7 Lt (1.850 US Gal)
Working Pressure	1 BAR	1 BAR	1 BAR
Weight	25 kg	45 kg	95 kg
Dimensions	38.5 L x 28 B x 36 H mm	46.5 L x 36.5 B x 41.5 H mm	55 L x 30 B x 65 H mm



Gold & Silver Refining Machine



Alloy for 14,18,21 Karat



Liqued Rubber for Dai



Vibrator



Electronic Cleaning (Degreasing Powder)



Auto Clamp Wax Injector - T4



Rasin



24 Kt Gold Makeup



Rose Gold Alloy



Kanas Machine



Sand Blasting



Ultra Liqued