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INTRODUCTION

Oromac is a machine brand which magnifies the Gems and Jewellery products.

Our machine is developed with 3 mantras: Innovation, Technology & Excellence, which provides an elegant output to the final product, We deal in all kinds of machines like plating plants and consumable products like plating chemicals and anti-tarnish.

We have global connection and ties with the international companies for importing machines and chemical related products from several countries. We provide the best quality deals as per the client's requirement



DEGREASING MACHINE



Features

- Degreasing bath with rinsing tank
- CVCC Indian Rectifier 12v/50AMP
- Digital Display for voltage & current
- EVCO Temperature controller with glass heater

TECHNICAL SPECIFICATION

Capacity	15Ltr.
Dimension	Customised
Input Voltage	230 V / 50-60 Hz
Output Voltage	0-12 V / 50 AMP
Type	CV/CC
Controller	Digital
Timer	Digital Display with Second / Min

DEGREASING POWDER

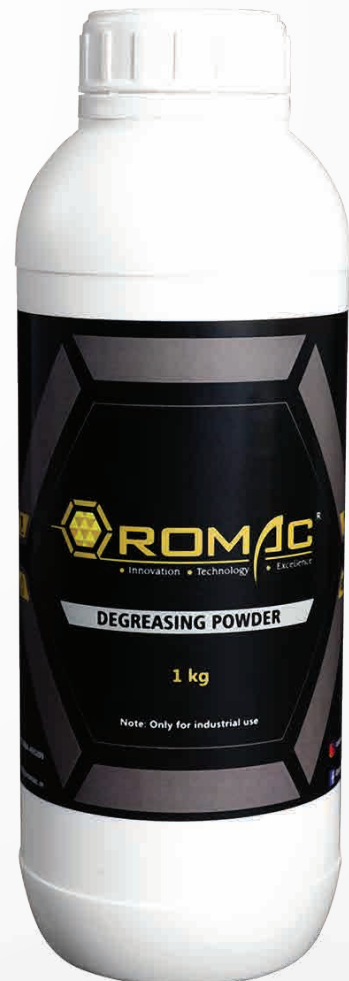
- Degreasing powder is commonly referred to as electro-cleaner which is used to activate the surface of metallic substrates prior to electroplating that helps with both surface cleaning and preparation.

HOW TO OPERATE

- 900 ml DM Water
- Time: 1 Min
- 100 Gm Degreasing Powder
- SS - 316 Anode
- Set: 6 volts
- No Heating Required

BENEFITS

- Degreasing powder give the metal surface perfect cleaning from the polluting agent
- It's human and environment friendly
- it has a safe and simple cleaning process
- it's cost effective and user friendly
- it's made from non-polluting materials
- it does not cause any damage to stones
- Easy to maintain



ANTI-TARNISH MACHINE



Features

- Anti-Tarnish Bath with Hot Water & Normal Water Rinsing Tank
- CVCC Indian Rectifier 12v/50AMP
- Digital Display for voltage & current
- Magnetic pump for bath circulation
- EVCO Temperature controller with glass heater

TECHNICAL SPECIFICATION

Capacity	15Ltr.
Dimension	Customised
Input Voltage	230 V / 50-60 Hz
Output Voltage	0-12 V / 50 AMP
Type	CV/CC
Controller	Digital
Timer	Digital Display with Second / Min

ANTI-TARNISH

- Available in Ready To Use / Concentrate 1:5 / Concentrate 1:100
- Anti-Tarnish is an electrolytic solution which is suitable for all kinds of Jewellery metals like brass, silver, gold, etc.
- It also has the ability to enhance the jewellery shining.

BENEFITS

- Protects Jewellery From Oxidation
- Protects Jewellery From Scratches
- Protects Jewellery From Finger Prints
- Passes XRF Testing & Hallmarking
- No side Effects
- Sticks on metals only
- Does not sticks on diamonds
- Works like a magnifier glass
- Enhance 5% Jewellery Shine



OROWHITE MACHINE



Features

- Orowwhite Bath with Hot Water & Normal Water Rinsing Tank
- CVCC Indian Rectifier 12v/50AMP
- Digital Display for voltage & current
- Magnetic pump for bath circulation
- EVCO Temperature controller with glass heater

TECHNICAL SPECIFICATION

Capacity	15Ltr.
Dimension	Customised
Input Voltage	230 V / 50-60 Hz
Output Voltage	0-12 V / 50 AMP
Type	CV/CC Rectifier
Controller	Digital
Timer	Digital Display with Second / Min

OROWHITE FOR STERLING SILVER & BRASS

- Orowhite solution is a substitute / replacement of nickel plating. (Nickel & Lead Free Plating)
- Technically this solution can be used as an undercoat for sterling Silver & Brass

HOW TO OPERATE

- Ready to use solution
- SS - 316 Anode
- Set: 3-4 Volts
- Time: 1-3 Min
- Temperature: 60-70° C

BENEFITS

- Used for brass and silver jewellery
- White in Color
- Lead and Nickel Free Solution
- Barrier Of Copper
- High deposition speed
- Copper / Tin / Zinc, alloy
- Longer Life
- Easy to maintain



ULTRASONIC MACHINE

Easy
customization
on requirment



TECHNICAL SPECIFICATION	
Controller Panel	Seperate.
Tank Size	14 x 11 x 7 inch
Body	SS 304
Heater	500V
Crystal Frequency	32 khz
Input Voltage	230v 1ph
Controller	Digital timer and temp
Vibration	Normal and sweep controller

DETERGENT FOR ULTRA

- Ultra cleaning detergent has to be added to the ultra sonic machine to clean the jewellery
- It is a detergent especially designed for the use in the processing of noble metals. (eg: gold, silver, platinum and so on)
- Ultra cleaning detergent is a concentrated formula and an emulsifying cleaner.
- Ultra cleaning detergent can also be used for Magnetic Polisher Machine as well.

HOW TO OPERATE

- 10 Gm detergent into 1ltr capacity
- Temperature: 50°C to 60°C
- Time: 3min - 5min
(As per the ornaments)

BENEFITS

- Low dosage and low cost in use
- Human and environmental friendly
- Made from non polluting materials
- No damage is caused on stones
- Useful for gems stones also

Also Available In
20KG



MAGNETIC POLISHER

- Magnetic polisher is a machine suitable for cleaning of metal during the production of jewellery.



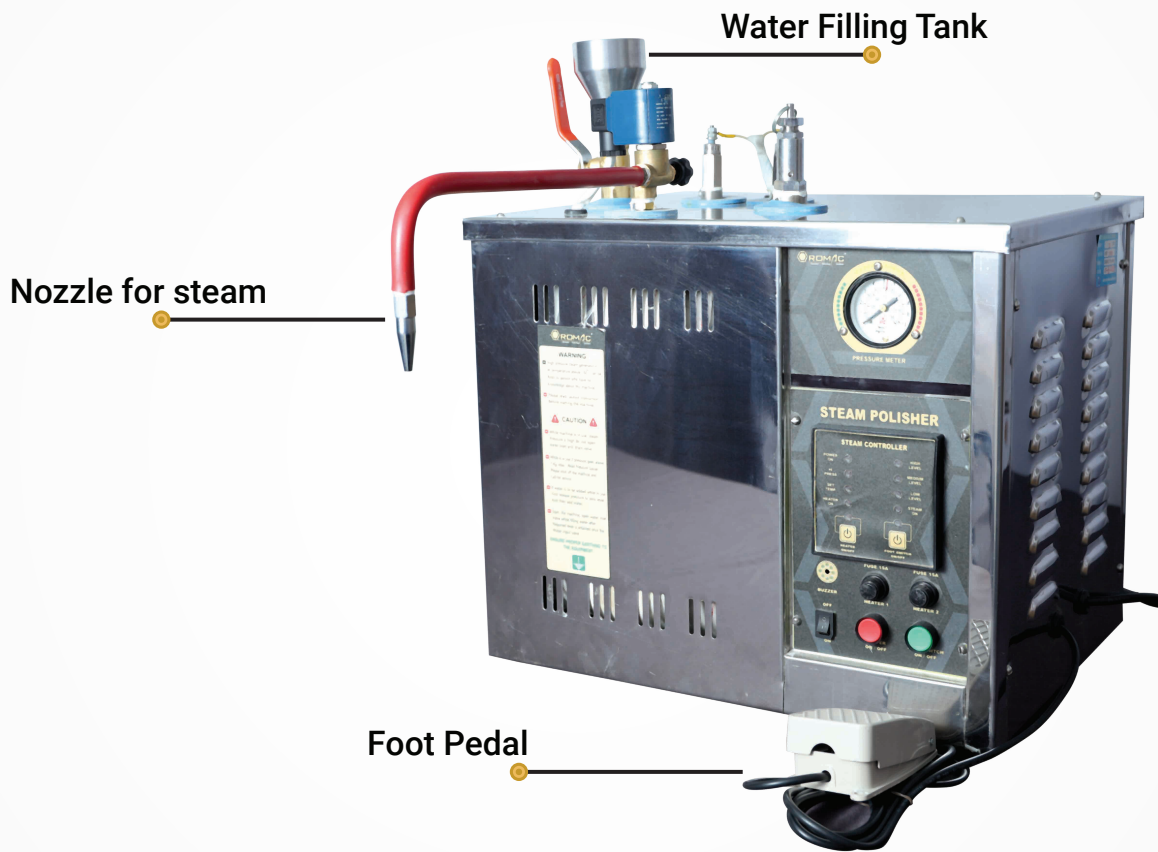
Also Available In
2KG & 5KG

FEATURES

- 1Kg and 2Kg Capacity with digital display
- Reverse / Forward rotation
- Digital Time Controller

MODEL	MAGNETIC POLISHER 1 KG - 2KG
Pin Capacity	350 gms
Bowl Size	10"
Motor	AC Motor 1.0 hp
Speed	Variable 1440 RPM
Input Voltage	230V Ac 1ph
Timer	Digital (forward/reverse)
Safety	Automatic
Dimensions	13.5" X 13.5" X 16.5"

STEAM MACHINE



FEATURES

- High Pressure Steam
- Foot Switch For Steam Pressure
- Automatic Safety Valve
- Automatic Pressure Cut-Off Indicator.
- Rust Free SS Tank
- Water Out Put Valve For Tank Cleanning
- Water Level Indicator

Also Available In
9Ltr - 12Ltr - 15 Ltr
18 Ltr (Fully Automatic)
20 Ltr

2Ltr INDIAN PLATING PLANT



FEATURES

- Digital display for voltage and current
- Rectifier power 12V /50 AMP. CV/CC
- Degreasing bath | Gold bath | Anti-Tarnish bath with rinsing tank
- EVCO temperature controller with glass heater

5Ltr IMPORTED PLATING PLANT



10Ltr INDIAN PLATING PLANT



FEATURES

- Digital display for voltage and current
- Rectifier power 12V /50 AME . CV/CC
- Degreasing bath | Gold bath | Anti-Tarnish bath with rinsing tank
- EVCO temperature controller with glass heater

CHANNEL PLATING PLANT & CUSTOMISATION

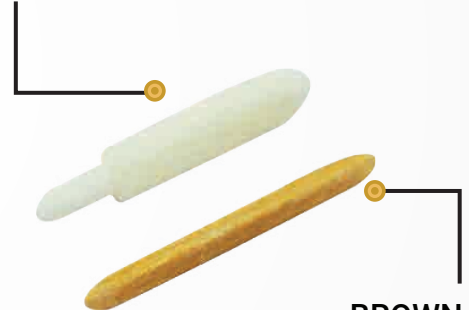


PEN PLATING RECTIFIER



TECHNICAL SPECIFICATION	
Dimension	10.5 X 9 X 4
Input Voltage	230V / 50Hz
Output Voltage	16V / 5AMP
Type	CV/CC
Controller	Digital

WHITE DOUBLE SIDE TIPS



BROWN TIPS

RECTIFIER

TECHNICAL SPECIFICATION	
Dimension	(L) 400 X (W) 300 X (H) 180mm
Input Voltage	230 V / 50-60 Hz
Output Voltage	0-12 V / 0-25 AMP
Type	CV/CC
Controller	Digital
Timer	Digital Display with Second / Min
Timer & Totaliser	



RECTIFIER



TECHNICAL SPECIFICATION	
Dimension	(L) 400 X (W) 300 X (H) 180mm
Input Voltage	230 V / 50-60 Hz
Output Voltage	0-12 V / 50 AMP
Type	CV/CC
Controller	Digital
Timer	Digital Display with Second / Min
Timer & Totaliser	

- Application-For MICRON gold plating.
- It is used in plating industries for precious metal plating like Gold, Silver & Rhodium etc. where precise control of thickness is required

TECHNICAL SPECIFICATION	
Dimension	(L) 500 X (W) 300 X (H) 200mm
Input Voltage	230 V / 50-60 Hz
Output Voltage	0-12 V / 50 AMP
Type	CV/CC
Controller	Digital
Timer	Digital Display with Second / Min
Ampere Minute With Timer & Totaliser	



GOLD FLASH BATH

- Gold plating is an electrolyte intended for bath and pen plating that has various colors for gold like yellow 12kt, 14kt, 18kt, 24kt, also Rose gold plating which deposits a uniform shiny layer.
- Gold plating is intended for decorative use, therefore has been designed for flash plating
- Despite being a traditional cyanide based alkaline chemicals, this solution is nickel, lead and cadmium free.

BENEFITS

- Excellent performance
- Reliable and constant result
- Super bright color to satisfy most of the requirements of goldsmiths & silversmiths



GOLD MICRON BATH MAKEUP

- Gold Micron Bath Makeup is a ready to use bath used for micron deposition. It can also be used as an excellent pre-coat before 14kt, 18kt, 24kt, pink flash plating to get colour consistency and desired shine and corrosion resistance surface.

BENEFITS

- Developed for jewellery and costume jewellery processes
- Excellent brightness and shine
- Cadmium free
- Easy to operate and control
- Consistent and even coloured surface



OROBLASTER MACHINE

- The oroblaster machine is design to create special fine surface on Gold / Silver / Brass also can perform on platinum jewellery fine glass beads blasted with water gives the fine satin frosted finish on jewellery surface

TECHNICAL SPECIFICATION

- Heated tank for blasting media
- Foot operated switch.
- Easy filling of blasting media by mounted funnel.
- Sturdy handpiece with exchangeable nozzle on request.
- Water pressure tank with pressure regulator.
- Cabinet for operation with internal light source



ORO BLASTER

- Made of Polypropylene.
- Inbuilt light.
- Safety hand gloves.
- Drainage system.
- Handpiece fitting clips.



WATER PRESSURE TANK

- Rust-free SS tank.
- Pressure regulator.
- Locking knobs.
- Air release valve.
- Transparent acrylic plate.

SANDBLASTING MEDIA

BENEFITS

- Sandblasting media is based on extra fine glass beads.
- Its used for matt finishing on the metal surface
- Sandblasting media is used with the help of dull finishing machine on the pressure of 3.5 bar to 7 bar.
- Glass bead impacting produces a spotless splendid slik complete, without any dimensional difference in the product
- Glass beads can be reused multiple times.



HAND WASH DOUBLE STATION

- Handwash Stand consists of a submersible 1HP pump, filtering units using thread type filter cartridge multiple settling tanks inside the handwash stand itself. A great amount of precious metal loss is saved here



Features

- Made of polypropylene
- Complete with pump & filter cartridge
- Foot padded operated tap
- Automatic operated pump & pressure gauge

TECHNICAL SPECIFICATION

- Input Voltage 220 V / 50-60 HZ
- No Of Taps - 2
- Filter Cartridge - 25 Micron X 1Nos
+10 Micron X 1Nos
- Dimensions 44 X 20 X 56

DM WATER PLANT MACHINE



Features

- Inbuilt Conductivity
- Meter with Sensor.
- Inbuilt Water Tank and water level sensor.
- Digital Display.
- Pump operating water level switch.
- Inbuilt pressure gauge.



UV ENAMELLING SETUP



Features

- Composite material with ceramic reinforcement
- Biocompatible and patented
- Quick and easy to process, grind and polish.
- Adhesion-, scratch-, shock- and wear-resistant.
- Can be sterilised. Meets medico-technical requirements.
- Color-fast and UV-stable.
- Finished workpieces can be galvanised

COLOR CHART

UV TRANSPARENT



UV OPAQUE



UV MOTHER OF PEARL



FILTER PUMPS & ANODES



Features

- Outlet located on filter chamber base.
- Vent valve.
- Fast-locking by PP Ring.
- Switch, cable and plug included with pump motor.glass heater
- Available models in Manual and Automatic working
- Automatic model consist of float sensor to regulate flow automatically

Advantages

- Power saving motor.
- Compact unit.
- Replaceable thread cartridge.
- Cartridge tightening independent from cylinder length.

OROMAC VISION & MISSION

Our Vision

Our vision is to be recognized as a supplier of superior products and services all over the world by understanding our customer's needs. We aim to provide the best quality technology products that exceeds expectations.

Our Mission

The word 'ORO' means Gold and 'MAC' means Machine - our company's name suggests, our ultimate mission is to be a predominant global player in the field of chemicals and machinery for the industry

OUR CORE TEAM MEMBER

Acoounts Support

+9172085 67207 info@oromac.in

Marketing Manager

+91 93210 01567

Technical Support

+91 72085 67217

Galvanic Support

+91 93215 98672

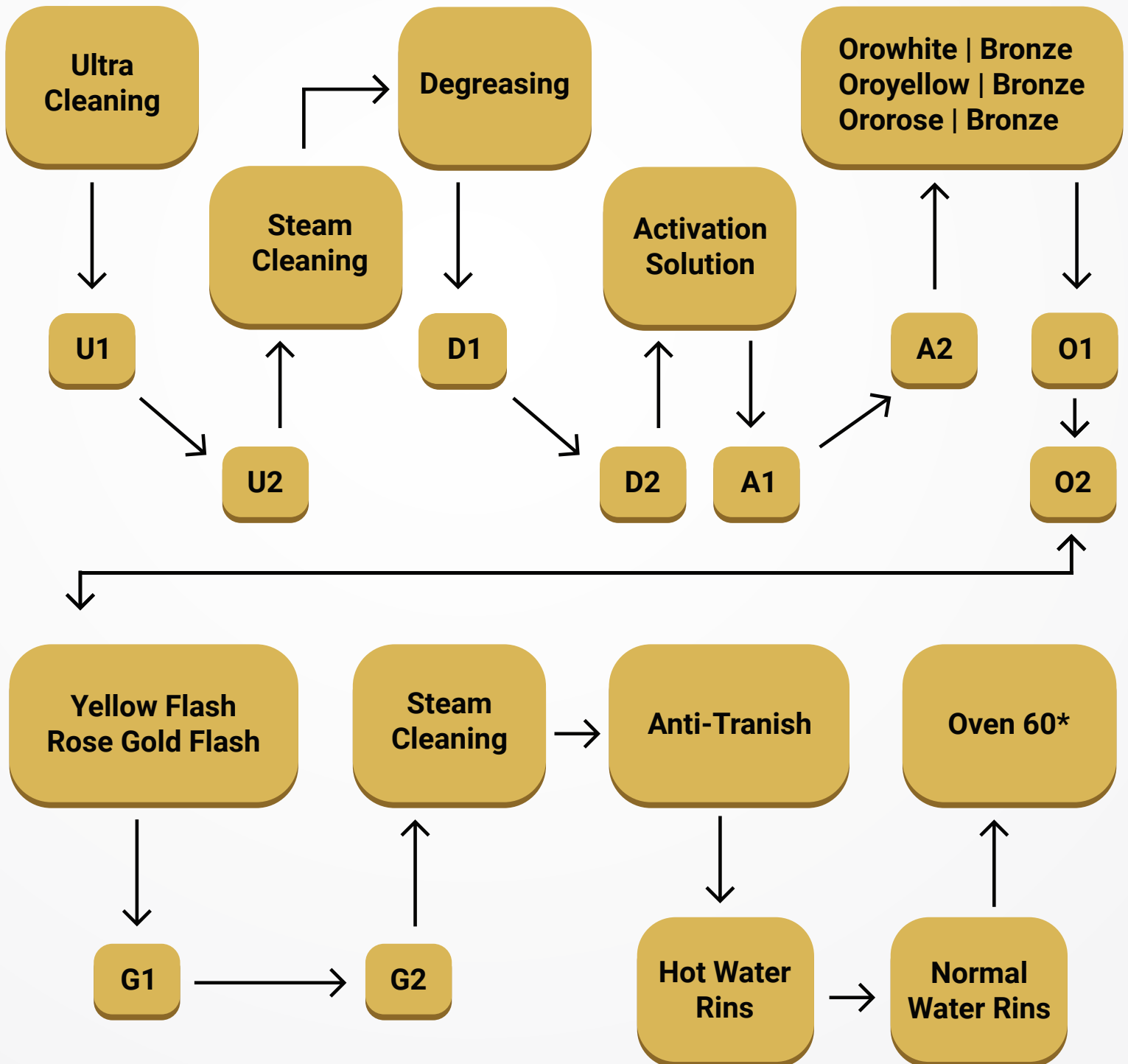
+91 9004 455 209

info@oromac.in

www.oromac.in

Unit No.110, Shree Krishna Industrial Estate, Ketki Pada, Dahisar East, Mumbai 400 068.

PLATING OPERATING INSTRUCTION



Thank You

Register office

Arti Aavishkar CHSL, C201, Near Gaurav Garden, Kandivali W Mumbai - 400 067

Branch office

28/54, tatyaghar pure marg, Girgoan, mumbai - 400004

Branch office

Unit no. 110, Shree Krishna industrial estate, ketki pada, Western Express Highway, near mahanagar gas, Dahisar East mumbai - 400068

Branch office

Unit no. 426, sagar industrial estate, ketki pada, Western Express Highway, near mahanagar gas, Dahisar East, mumbai - 400068



+91 9004 455 209



info@oromac.in



www.oromac.in



Unit No.110, Shree Krishna Industrial Estate, Ketki Pada, Dahisar East, Mumbai 400 068.