

**BALAJI**  
ENGINEERS

**Quality and Perfection,  
Stay in touch**



# Balaji Engineers

## Company details

We Balaji Engineers established in the extended time of 2001, Balaji Engineers has turned into the main producer of Jewellery Polishing Machinery at Rajkot, Gujarat. Balaji Engineers has become one of the greatest name in the assembling of Jewellery Polishing Machinery, both in India, just as at a global level. Today Balaji Engineers has turned into a top notch association in view of its standing of keeping up with excellent principles in item range.

Company offers wide scope of items, including Vibrator Polishing Machine, Magnetic Polishing Machine, Vacuum Buff Polisher, Dryer Machine, All kind of Media. Every one of the machines are accessible in various sizes and structure. Because of its excellent and manageability, Jewelry Polishing Machinery is consistently on ascent .

## Our Mission

Balaji Engineers expects to enhance quality and guarantee that Jewellery Polishing Machinery become a name to deal with all through the world.

## Our Vision

We, at Balaji Engineers, mean to accomplish greatness in each product we sell, each service we give. Our obligation to customer loyalty is outright and we generally plan to outperform our clients' assumptions. Our vision is to serve the client with unparalleled Quality and Service at each side of the globe and to turn into a worldwide trail-blazer in the field of our item.

# Vibrator Polishing Machine

Vibrator Polishing Machine fuses a Synthetic Rubber (SR) or POLYURETHANE (PU) lined bowl of 'U' cross area mounted on definitively determined springs. The machine is driven by a profoundly effective vibratory motor. The open top of the bowl can be stacked with reasonable ceramic/plastic or steel media and parts to be handled. Since the parts and the media are moving at little additions on each stroke, the parts are not expose to extreme pressure or harm. Vibratory completing is the favored reasonable decision for general deburring, getting done, and edge-radiusing, pre-plate finish, and so forth of fragile or weighty parts and for accuracy deburring/wrapping up.



Product Name	Media Cap.	Tub Size	Motor Size
VIBRATOR MACHINE 0.5kg.	5kg.	9X4X4	0.12 HP
VIBRATOR MACHINE 1kg.	10kg.	10X6X6	0.25 HP
VIBRATOR MACHINE 2kg.	15kg.	14X6X6	0.5 HP
VIBRATOR MACHINE 3kg.	20kg.	15X7X7	0.5 HP
VIBRATOR MACHINE 5kg.	25kg.	17X7X7	0.75 HP
VIBRATOR MACHINE 7kg.	40kg.	20X8X8	0.75 HP
VIBRATOR MACHINE 8kg.	50kg.	20X9X9	1 HP
VIBRATOR MACHINE 10kg.	60kg.	22X10X10	1 HP
VIBRATOR MACHINE 12kg.	80kg.	24X12X12	1 HP



# Magnetic Polisher Machine

This is programmable magnetic polisher having auto reverse/forward action with advanced digital display. The machine is constrained by solid sensible single stage motor and fitted with shocking quality magnets to give most outrageous ability to better cleaning quality and for long life.

These attractive polishers are available in various size. The machine is provided finished up with suitable attractive media, cleaning arrangement and cleanser. This is programmable magnetic polishing machine. It has auto reverse/forward operation with digital display. This machine is used on single phase motor with 230V.



Product Name	Media Cap.	Tub Size	Motor Size
MAGNETIC MACHINE 0.25kg.	150gm.	6"	0.12 HP
MAGNETIC MACHINE 0.5kg.	400gm.	8"	0.5HP
MAGNETIC MACHINE 1kg.	800gm.	10"	0.5HP
MAGNETIC MACHINE 2kg.	1kg.	12"	1HP



# Vacuum Buff Polisher

These cleaners can be easily controlled with the knob provided on the front of the device. Our range is available in various sizes and design. These are appreciated for their durable design, efficiency and optimum performance with delicate cleaning application.



Vacuum Buff Polisher Single	
Power Supply	230V, Single Phase
Dimension	26"X26"X47"
Suction Motor	0.5 HP
Buff Motor	0.5 HP



Vacuum Buff Polisher Double	
Power Supply	230V, Single Phase
Dimension	50"X26"X47"
Suction Motor	0.75 HP
Buff Motor	0.5 HP

# Dryer Machine

The drying equipment may dry things of all sizes, shapes, and types as long as the materials employed don't react dangerously when heated to a maximum of 90 degrees or when they come into touch with the sawdust that the equipment uses as a drying element.



Product Name	Motor Size	Bucket Size	Heater
DRYER MACHINE 1kg.	0.12 HP	6"	1500W
DRYER MACHINE 3kg.	0.5 HP	8"	1500W
DRYER MACHINE 5kg.	0.5 HP	10"	2000W
DRYER MACHINE 10kg.	0.5 HP	12"	2000W
DRYER MACHINE 15kg.	1 HP	14"	2000W

# Media for Mass Finishing Equipments

## Preformed Ceramic Media :

Ceramic bonded media are produced by mixture of porcelain, kaolin clay, river clay or other vitreous materials with various types of percentages of abrasives or without abrasive.



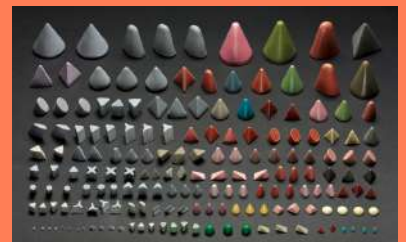
## Steel Media :

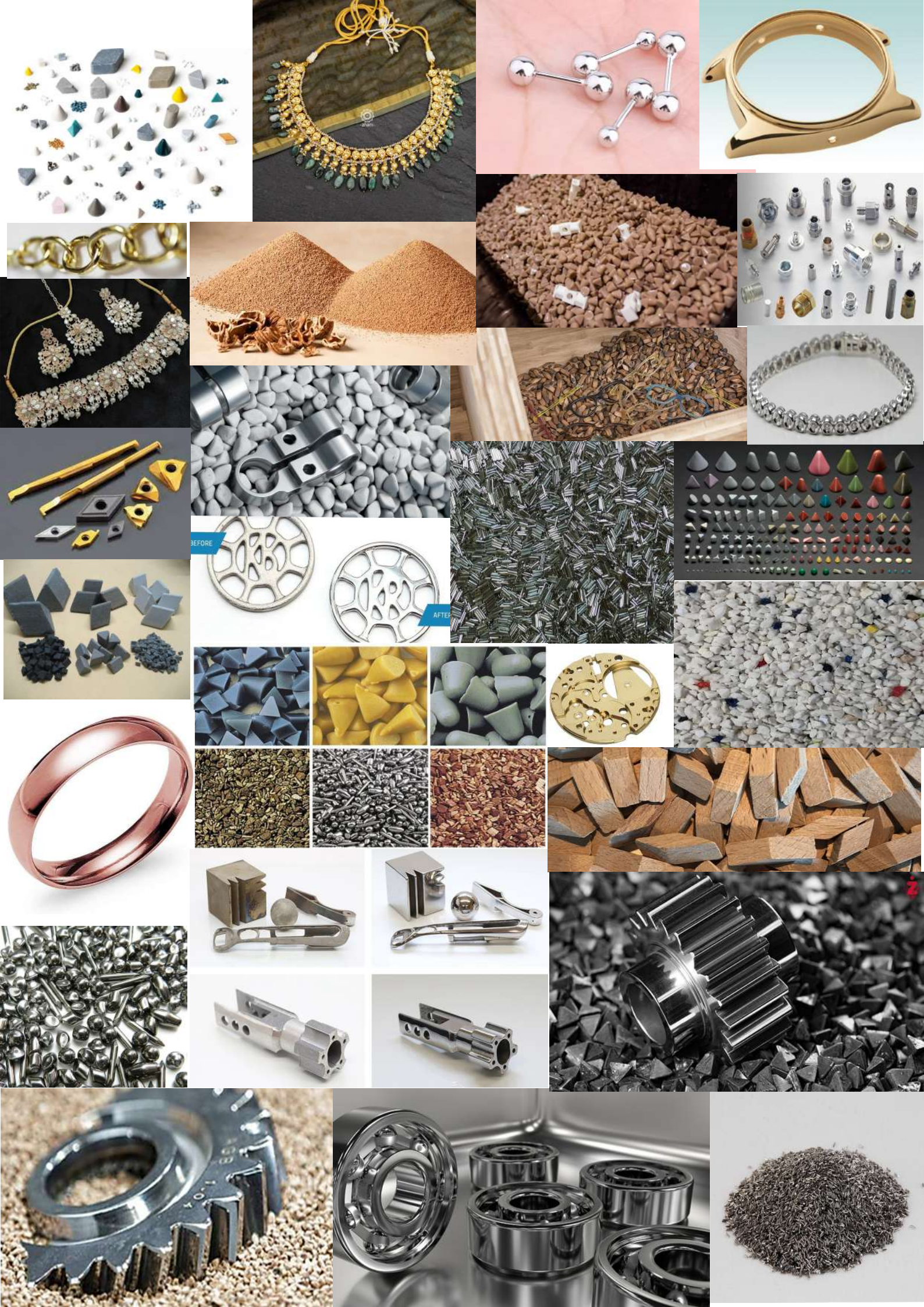
Metallic media (Steel Media) either soft or hardened preformed shapes used for polishing. It is available in a variety of shapes and sizes. It can be used for burnishing to achieve maximum luster for decorative purpose, light deburring and heavy duty cleaning.



## Plastic Media :

This media is formed by bonding abrasives into polyester or urea-formaldehyde resins, usually by casting. After casting, this media must be pre-tumbled to remove flash. Plastic media is softer, has a lower density than preformed ceramic media, which provides a cushioning effect. It is well suited finishing softer metals and fragile parts.









## Balaji Engineers

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