

⚡ THE BEST
PLATTING
SOLUTION


AVANI[®]
ELECTRONICS

DIGITAL RECTIFIER MACHINE



AN ISO 9001:2015 CERTIFIED COMPANY



COMPANY PROFILE

Avani is a technology Leader in power conversion and manufacturers medium and large **digital rectifier** since 2004.

Avani has installed several thousand rectifier for metal finishing. Avani is one of the most respected name in rectifier's world with mission critical installation all over the globe.

Our company is established since 2002. where in we are actively involved in research and development, since we do not believe in compromising on the quality of our product. we have a force of highly skill full staff.



Quality has always been our prior concern and the reason for our success. To ensure superior quality products, we are equipped with variety of testing facilities. We carry out several quality control test and inspections at various stages of production and prior to the delivery, so as to ensure our products suit the indian market.

Being an ISO 9001:2015 certified company, all our products are manufactured under stringent quality control norms.



AFTER SALE SUPPORT



We give 1 year Warranty after sale for providing complete customer satisfaction. We provide excellent customer service to our customers. We also after customer friendly technical assistance for new installation where highly qualified engineers will attend your queries.

CUSTOMER SATISFACTION



We are manufacturing of quality products in the industries and are capable to achieve complete customer satisfaction. we work in co-ordination with our clients to conceptualize their idea and manufacture machines exactly as per their needs. Apart from this, we are well equipped with **digital technology** and have excellent work force of engineers as part of our team.

RESEARCH & DEVELOPMENT



Our R&D team has always kept us ahead by developing innovative products of usages in various industrial applications. Our R&D team carries out intensive research for developing components of varied configurations as per the requirement of our clients. Our R&D department aims at developing cost effective and improved performance products to meet the ever-changing requirements of our customers.

Air Cooled



Oil Cooled



DIGITAL
RECTIFIER
MACHINE

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Models

Volt /Amp.	Cooling System
8 / 250	Air cooled
8 / 500	Oil cooled
8 / 750	Oil cooled
8 / 1000	Oil cooled
8 / 1500	Oil cooled
8 / 2000	Oil cooled
12 / 250	Air cooled
12 / 500	Oil cooled
12 / 750	Oil cooled
12 / 1500	Oil cooled
12 / 2000	Oil cooled
16 / 250	Oil cooled
16 / 500	Oil cooled
16 / 750	Oil cooled
16 / 1000	Oil cooled
16 / 1500	Oil cooled
16 / 2000	Oil cooled



Other capacity is also available
as per requirement.

Technical specification & features

-  Input voltage : 350 V to 460 V, AC 50 Hz
-  CC CV : Auto Constant Current, Constant voltage
-  Abnormal voltage, Over current & Over Temperature protection.
-  Light Weight — **Easy Transportation.**
-  Compact Design — **Saving Space.**
-  High Efficiency — **Save Electricity, More then 20%**
"Save Electricity, Save Nation"
-  Ripple Free — **High Quality & Economy Production.**
-  Long Life : Oil Cooling System, SS nut bolt prevents corrosion.
Superior design and standard genius components
increase life and minimize fault level.

IGBT Based Technology, Micro controller Controlled.





Power Plant for Zinc and Chrome

Zinc and chrome plating is usually done on steel items as used for engineering parts such as bolts, Nuts, Cylinders, Pistons etc. Hard chrome plating on aluminum articles can also be done on all sorts of machine manufacturing plants. such plant use rated currents of the order of 500 A and above and voltes of the order of 12v.



Gold & Silver Jewellery Electroplating Power Supplier

for jewelers who need quick electro stripping old plating, electro clearing and large plating baths of about 3 to 5 item, we manufacture rectifiers up to 100 amps.





THE BEST PLATING SOLUTION

Nickel over Brass, Plating Rectifiers



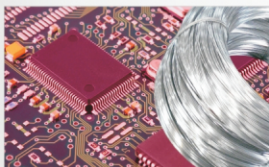
These Rectifiers can be used for Nickel, Copper and Silver Plating over brass articles, It has fully digital control system to directly give output of the order of 500 amp. to 2000 amp. rated voltage of 12v. It has excellent voltage and current stability. Brass parts used in components of aviations etc. can be plated using these rectifier.

Power Plant for Anodizing



Aluminum and its alloys, such aluminum mould, aluminum gross satires for building windows and doors, heat shrinks and other colorful decorative house hold item such as photo frames etc. need high current up to 1000 amp. and above at different voltage level from 0 to 12 v DC These rectifier are industrial grade, heavy duty and designed for continuous duty with robust solid state electronic circuitry.

Copper Deposition & Stainless Steel Coating Rectifiers



We also manufacture Electroplating rectifier plants for copper and stainless steel parts, These plants give high current up to 500 to 1000 amps. depending upon the size of the tank, at voltage levels starting from 0 to 12v.

OUR VALUABLE CUSTOMER

RAJKOT

- Radhika Gold Plating
- Rudra Silver
- Mitroiol Cotting Pvt. Ltd.
- Aalap Industries
- Signet Sales Company
- Nijdhm Process
- Jay Ganesh Gold Plating
- Sunrise Enterprise
- Prayag Industries
- Classic Process
- Royal Plates
- Hub Metal Ind.
- Fitting Ind.
- R.D. Silver
- Suraj Ind.
- Shreeji Time
- Prime Engg.
- Om Electro Plates
- Shailddeep Ind.
- Shree Laxmi Wire Ind.
- Air Grip Ind.
- D.M. Electroplaters

JAMNAGAR

- Akhilam Process
- Doorware Industries
- Somnath Electro Plates
- Budh Impact Lim.
- Shraddha Process
- Shivam Electro Process
- Bhanej Electro Process
- Kuber Electro Process
- Bajrang Electro Process
- Sunfine Coat
- RD Brass Ind.
- Madhuram Electro Plates

And Many More.....



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