

Trio Transformer



# LEADING TRANSFORMER MANUFACTURER



## ABOUT

Trio Transformer, an ISO 9001:2015 company, takes pride in the manufacturing and distribution of the most competitive, robust and easy-to-maintain transformers that satisfy the unique specifications of our consumers.

Established in the year 1994, having 5000 square feet eco- friendly manufacturing facility stands on the strong pillars of our experienced team of technicians, driven by premium goods, brand equity, & global outlook. The organisation is lead by technopreneur Mr Dilip Mohta.

We are an ethically sound business that works with honesty, validates dedication and conviction, both vertically and horizontally through the organization, and instil a sense of dignity.

## MISSION

To emerge as an outstanding transformer provider, with a dedicated team of professionals and experts who are moral, value-driven and have outstanding client relationships.

---

## VISION

We aspire to become one of the finest and most efficient suppliers of solutions for electrical transformer. We maintain great commitment towards our trading practices and assure customer loyalty, positioning itself as a model for value generation in the power sector.

---

## VALUE

We follow sustainable management practices, social principles, and work towards manufacturing transformers of high reliability through a process of continual improvement and thereby benefitting the customers.

## PRODUCT



**1. Distribution Transformer-** Distribution Transformer is an electrical isolation transformer which converts high-voltage electricity to lower voltage levels acceptable for use in homes and business. They are found in all sectors: residential, commercial and industrial. We have the manufacturing capacity: 100KVA to 2000KVA



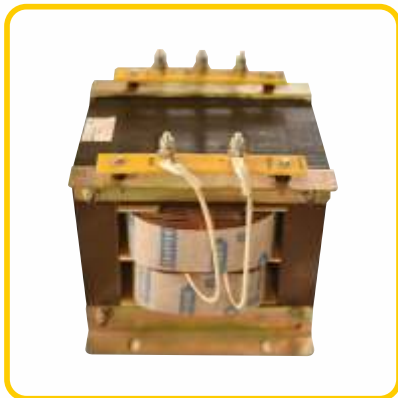
**2. Current Transformers-** A current transformer is specially made to provide a current in its secondary that is approximately proportional to the current flowing in its primary. Current Transformer (CT) has a lot of performance specifications which includes primary and secondary current, insulation voltage, VA burden, and accuracy class. We are acknowledged as one of the leading Current Transformer manufacturers in India.



**3. Control Transformers-** A control transformer is an isolation transformer that provides good voltage regulation and is also designed to provide a high degree of secondary voltage stability (regulation) during a brief period of overload condition (also referred to as "inrush current"). Control transformers are also known as Machine Tool Transformers, Industrial Control Transformers or Control Power Transformers. We have the manufacturing capacity: up to 100KVA.



**4. Ultra Isolation Transformers-** Ultra Isolation Transformer (UIT), provides for total electrical and electrostatic isolation with a most effective active screening of spikes, surges and transients, further, it gives a true isolated local neutral and dedicated earth which is very essential for modern machines. UIT attenuates common-mode noise and transverse mode noise and provides for noise or interference-free power.



**5. K Rated Transformers-** A K-rated transformer is designed at a lower flux density as compared to a normal transformer, which is due to the fact that the third harmonic in the secondary winding causes a third harmonic current to circulate in the primary delta winding, increasing the flux density in the core. The core loss will be higher but it can be reduced by the use of additional core stack to the core.



**6. Lighting Transformers-** Lighting transformers are used in a variety of different applications, not just for brightening and dimming lights. Essentially, because they do allow the voltage across a line to be varied, they can be used for any number of applications where the voltage does have to be changed a bit to accommodate various devices. We have the manufacturing capacity: up to 500KVA



### 7. Motor Starting Autotransformers (ATS) KW-

Autotransformer starting of motors is used widely in starting large industrial motors due to its advantage of providing the highest starting torque with lowest starting line current compared to other reduced voltage starting methods. It makes it possible to start squirrel-cage induction motors with reduced starting current, as the voltage across the motor is reduced during starting.



**8. Servo Voltage Stabilizers-** The voltage unbalances a current unbalance which results in damage to motor due to the extra heat. Hence the excessive heat in the motor winding will break down the motor insulation and causes permanent damage to the engine.

The best option to protect the motor from damage is to use servo voltage stabilizer, which is having a separate control system on each phase. It will provide a balanced 3-phase supply at the output, which will take care of both unbalanced and balanced input supply.



**9. Line Chokes-** Line chokes are used to provide improved protection against over voltages on the line supply and to reduce harmonic distortion of the current produced by the drive.

## CLIENTS



## APPROVALS

- ERTL (Electronics Regional Test Laboratory)
- GEB (Gujarat Electricity Board)
- ERDA (Electrical Research And Development Association)
- CPRI (Central Power Research Institute)
- EQDC (Electronics And Quality Development Center)
- GWSSB (Gujarat Water Save And Sewerage Board)
- Airport Authority of India
- Sardar Sarovar Narmada Nigam Limited
- P & T Department
- Sheth Techno Consultants, Ahmedabad
- SMPS Consultant, Ahmedabad
- Nischint Consultant, Ahmedabad
- Nascon Consultants, Ahmedabad
- Antech Consultants, Ahmedabad
- Sumedha Consultant, Ahmedabad
- PTPL (Project Technologist (P) Ltd, Baroda)

### TRIO TRANSFORMER

📍 3014, Phase IV, Near Gayatri weigh bridge, G.I.D.C.,  
Vatva, Ahmedabad, Gujarat (INDIA), 382445

☎ 9825178808 📞 9173961818, 8488971818, 9104241818

✉ info@triotransformer.com 🌐 www.triotransformer.com

VISIT US BY  
SCANNING THE CODE

