



High Rise Transformers

Robust & Reliable

An ISO 9001:2015 Certified Company



**Our Transformers
ranges from
16 KVA to
25 MVA, 33KV**

MANUFACTURER OF TRANSFORMERS

- ⦿ Distribution Transformers
- ⦿ Power Transformers
- ⦿ Furnace Transformers
- ⦿ Rectifier Transformers
- ⦿ Earthing Transformers
- ⦿ Special Duty Transformers
- ⦿ Dry type Transformers
- ⦿ Reactors Transformers



ABOUT US

High Rise Transformers is a distinguished ISO 9001:2015 (TUV SUD) certified transformer manufacturer, situated in central India. Since our establishment in the year 2000, we have consistently delivered top-quality transformers to a wide range of industries in Central India.

Our Expertise

Our manufacturing unit is under the capable leadership of a team of seasoned technocrats, each boasting over 25 years of invaluable experience in the design and production of distribution, power, furnace, and specialized transformers. We possess the capability to manufacture transformers with capacities of up to 25 MVA and voltage classes as high as 33KV, all in strict adherence to ISI standards. Our extensive product portfolio comprises Distribution Transformers, Power Transformers, Furnace Transformers, Dry Type Transformers, Earthing Transformers, and tailor-made solutions crafted to your unique specifications.

Our Reputation

We have garnered a stellar reputation as Central India's most dependable and robust transformer manufacturer. This reputation is a testament to our unwavering commitment to uncompromising quality and precision, which has earned us the trust and loyalty of a multitude of satisfied clients.



OUR PRODUCTS



**Distribution Transformers
16 KVA -200 KVA, Al Wound**



**Distribution Transformers
315 KVA- 630 KVA, Cu Wound**



**Power Transformers
upto 25000 KVA 33kV**



**Hermetically Sealed Ester Oil filled Fire
Resistant Transformes upto 5000 KVA 33kV**



Arc Furnace Transformer (Submerged/Open Arc) Upto 6000 KVA 33kV



Dry type Epoxy Casting and VPI Transformer Upto 1000 KVA 11kV



Salient Features of Our Product

- All Transformers are made with circular CRGO Core Cross section with Cross-over HV/Disc winding for better Impulse and Short Circuit withstand capacity.
- No compromise with winding clearances to reduces losses, weight, or cost of transformer.
- This design philosophy ensures 'HRT' make transformers give uninterrupted service for years.
- All transformer designs are made with latest transformer design software and tools including FEM simulation, 3D Modelling etc. ensuring flawless and optimum design.
- Quality Control. All our products pass through stringent quality checks at various steps which ensure product leaving our unit give years of service to our customer.
- Only best grade of raw material goes into manufacture of HRT make Transformer.
- With only one of its kind CNC CRGO Core Processing facility in Central India we have ensured only best quality of CRGO laminations goes into manufacture of transformer core.
- Only Transformer unit in Central with CNC Plasma cutting facility ensuring high quality of transformer tank.
- Thousands of transformer working continuously for years in installations across Maharashtra, Vidarbha and Central India.

INFRASTRUCTURE AND FACILITIES



Plant is spread over in 60,000 sq. feet area and 3 Locations i.e. S-82, S-84, S-75, S-76, U-45. Our unit is equipped with Remote operated 15 tonnes mobile crane and Drying oven for drying transformers up to 25 MVA. We have an well experienced team of engineers and artisans fully motivated to give best output. Since inception company focused on best quality to serve the best in industry.

3D Modelling Software

All transformer designs are made with latest transformer CAD, CAM design software and tools including FEM simulation, 3D Modelling etc. ensuring flawless and optimum design. We have developed our own inhouse software for electrical design of transformers.





Fabrication Workshop

We have our own fully equipped transformer tank fabrication workshop. Our fabrication workshop is well equipped with equipment's like CNC Plasma Cutting Machine, Press brake, Shearing Machine, Power Press, MIG welding machine etc. The data for the CNC Cutting machine is generated by CAD software, which ensure that each transformer tank we fabricate precisely matches the CAD design

CNC CRGO Processing Plant



With only one of its kind CNC CRGO Core Processing facility in Central India we have ensured only best quality of CRGO laminations goes into manufacture of transformer core. With a cutting accuracy of 0.1mm and no manual handling of core build factor is minimised to reduce core losses. Core is cut in either 5 or 7 Step Lap in either Horizontal or Vertical Step Laps design to further reduce No Load Losses. All Mother Coils are procured from Internationally reputed manufacture like Nippon, POSCO, Thyssen Krupp, NLMK etc and comes with Mill Test Reports.



CNC Winding machine

We at HRT use CNC Winding Machine for manufacture of LV Foil winding which ensure consistent quality, low stray losses and high short circuit strength.

Testing Room



Our Testing Lab is fully equipped to carry all Routine tests required under IS_2026 and IS 1180 Part 1. Testing equipments includess Testing Bench, Hioki make Power Analyser with 0.1% accuracy, High Voltage Test set up to 80kV, Induced Voltage Test Set , Ratiometer, Resistance meter etc. All testing equipment's including Power Analyser are calibrated yearly through NABL Approved Testing Lab.

Test Performed as per IS 2026 and IS 1180

Ratio Test	Temperature Rise Test (Heat-Run Test)
I.R Values	Oil Leakage Test
No load loss Test	Pressure Test
Load loss and Impedance Test	
Separate source voltage Test	
Vector Group Test	
Winding resistance	
Induced Over Voltage Test	
Magnetic Balance Test	



High Vacuum Transformer Oil Filtration Plant

With its American make Vacuum pump our High vacuum Transformer oil filtration plant brings moisture content below 5 ppm. It also removes dissolved moisture, gas, dirt, fuss, carbon particles and other solid impurities of micron size. Low impurities in transformers oil guarantees transformer work cooler and has long life.

SERVICES OFFERED

- Repair and remanufacture of transformer up to 25000 KVA, 33KV to make it new like.
- Rental Units up to 3000 KVA & emergency repair.
- Conversion of Transformers to different voltage levels.
- Special Application Designs.
- Regeneration of Transformer Oil to make it new like.
- Oil Testing including BDV, Acidity, IFT, Viscosity etc.

OFFICE & WORKS

📍 S-82, MIDC Industrial Area, Hingna Road, Nagpur - 440016
 📞 07104-236016, 📠 9766300013 Sales : 📞 9766360380 / 9890301374
 📧 hrtnagpur@gmail.com 🌐 www.hrtnagpur.com, <https://youtu.be/tfNzhsx7is>