



PUSHKAR
METALS



RIICO - PHASE II
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ELECTRICAL TRANSFORMERS
BUILDING UP VISION

About US

Being a foremost company in the national market, **Pushkar Metals** are engaged in providing a qualitative range of products that we provide in diverse specifications in order to attain the complete satisfaction of the clients within given time frame. Owing to the following unique reasons, we are able to achieve a massive success in this industry:

- > Robust infrastructural base
- > Competent team of professionals
- > Stringent quality standards
- > Client-oriented approach
- > Customization facility
- > Transparent dealings
- > Realistic price structure
- > Prompt delivery
- > Strong logistic support



Our Products

Three Phase Transformers

Single Phase Transformers

Power Transformers

Solar Transformers

Core Coil Assembly

Industrial Transformers

Dry Type Transformers

Step Up & Step Down

CRGO Coil

CRGO Slit

Three Phase TRANSFORMERS



With rich industry experience and knowledge, we are providing an excellent quality range of Three Phase Transformers.

Details:

1. Three phase electricity powers large industrial loads more efficiently than single-phase electricity. When single-phase electricity is needed, it is available between any two phases of a three-phase system
2. By the use of three conductors, a three-phase system can provide 173% more power than the two conductors of a single-phase system.
3. Three-phase power allows heavy duty industrial equipment to operate more smoothly and efficiently.
4. Three-phase power can be transmitted over long distances with smaller conductor size.

Primary Connection Type	Delta
Cooling Type	Dry Type/Air Cooled



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Single Phase TRANSFORMERS



Being a foremost organization in this industry, we are actively engaged in offering the finest quality range of Single Phase Distribution Transformers.

Details:

1. These transformers are electrical devices which transfer energy with the help of inductive coupling and are manufactured in CRGO steel core as well as amorphous metal core ranging from 5 kVA to 25 kVA.
2. Provided transformers are widely used by utilities to provide 24 hour electricity supply in rural areas.
3. All our products are developed under the supervision of experienced quality controllers as per international norms. Customers can purchase these transformers from us in different sizes and specifications, as per their needs.



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Power TRANSFORMERS



At PUSHKAR METALS we manufacture Three Phase Power Transformers Stack Core Type – Copper wound, outdoor/ indoor type, Step Down/ Step Up, Completely Self Protected – LV & HV transformers, connection options of Delta & Star Type as per Vector group ref. Dyn11 with rating range of 1000 kVA to 15000 kVA. UTTAM make power transformers have been installed at coal fields, power projects, housing projects, national level business houses, and individual manufacturing units.



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SOLAR TRANSFORMERS



We offer Inverters duty transformers having three-windings and five-windings construction specially designed for grid connected photovoltaic systems. Extra care is taken in design and manufacturing of inverter duty transformers to address the harmonics that are usually to appear in the transformer windings.

These transformers are designed according to any specific customer requirements regarding voltage, power, low losses, sound level, operating conditions and more.

The transformer's primary voltage is at the low voltage side and the secondary is at the medium voltage side. The input voltages usually take values 380 V or 400 V and the medium voltage varies according to the feeding network voltage (i.e.11, 33kV).



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CORE COIL ASSEMBLY



Being a well-established organization, we are engaged in offering a distinguished range of Core Coil Assembly.

Details:

1. The “active” part of the transformer consists of the magnetic core with windings and accessories. The windings are placed over the core limbs and necessary connections are made as per the tapings and vector group.
2. Sufficient ducts are provided between the coils to ensure heat dissipation through circulation of oil. Best quality insulation is provided at all joints and gaps.
3. The optimum design of core-coil assembly is achieved by considering the required technical particulars including cooling, size compactness and tapping arrangement.
4. All leads and conductors are rigidly supported by a special clamping arrangement.



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Industrial TRANSFORMERS



We are engaged in offering a broad range of Industrial Transformer. Offered range of product is known for its precise quality standards. This range is manufactured from best quality raw material and under the guidance of skilled and experienced professionals. Offered range of product is highly demanded in the market by various industries. Moreover, we assure to our valued clients to provide a quality tested range that can be delivered from our end at a leading market price.

Cooling Type	Dry Type/Air Cooled, Oil Cooled
Phase	Three Phase



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Dry Type TRANSFORMERS



We are devoted towards offering the qualitative range of Dry Type Transformers, as per client's precise need and requirements.

Details:

1. Provided transformers are totally maintenance free and safe from fire as the material used are metals, ceramics, fiberglass and resin.
2. It is environment-friendly as there is no oil, hence handling becomes easier and there are no chances of spillages and leakages there is minimal nontoxic smoke in case of fire.
3. With the help of our experienced team of professionals, we are manufacturing a gamut of dry type transformer that is available in various sizes and specifications. Sturdily constructed using the best quality components, these transformers are also custom made as per the specifications provided by the clients.

Power/Capacity	As Per Requirement
Phase	Three Phase



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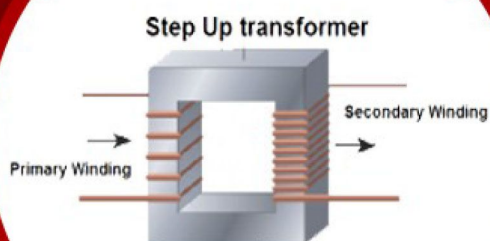


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Step Up & Down TRANSFORMERS



To cater the variegated needs of our esteemed customers, we are highly engaged in offering a wide array of Step Up Transformers.

Details:

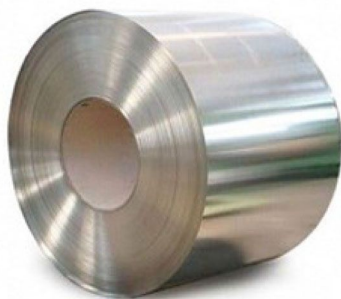
1. A transformer that increases voltage from primary to secondary (more secondary winding turns than primary winding turns) is called a step-up transformer. Conversely, a transformer designed to do just the opposite is called a step-down transformer.

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CRGO COIL



The basic raw material used for manufacturing the Core / Lamination is Cold Rolled Grain Oriented Steel (CRGO) steel. This CRGO steel is imported from reputed overseas mills in various grades of different permeability. Basically, there are many types of CRGO Steel e.g. M-3, M-4, M-5 and M-6 grade and HI-B Material.

These raw materials are imported in forms of coils having standard width or in form of slits.

CRGO material has the least figure of maximum core loss in the rolling direction. With the increased shearing angle to the rolling direction, the core loss at any particular flux density goes up and becomes generally highest in the transverse direction. Because of this it is possible to use CRGO in static electrical machines which include all types of power transformers, distribution transformers, etc.



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CRGO Slit



With rich industry experience and knowledge, we are providing an excellent quality range of Three Phase Transformers.

Details:

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4. Three-phase power can be transmitted over long distances with smaller conductor size.

Primary Connection Type	Delta
Cooling Type	Dry Type/Air Cooled



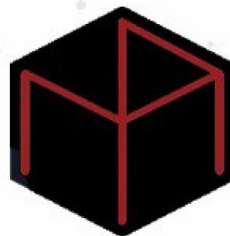
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