



J A A S
STEEL INDUSTRIES



www.jaassteel.com

About Us

Jaas Industries believes in “Together We Achieve More”

Company was established in 2016, **JAAS Steel Industries** Run under guidance of **Mr. Ajay Jayshankar Giri and Mr. Anand Jay Shankar Giri** the company has made big image in the market today.

JAAS Steel Industries has been dedicated to business of Power and Distribution transformer lamination & CRGO Slit Coils, We possess sophisticated plant and machinery for manufacturing high quality product of lamination under one roof.

The Company has a class work force and strong team of experts who are dedicated and committed to their assignment, **JAAS Steel Industries** believes in quality production and values client satisfaction as one of most important aspects in customer vendor long term relationships.

Process

We pay special attention while processing of the raw material to produce cores:

All the incoming materials are checked for its thickness, grade insulation and watt loss.

Full traceability of product in any step of process is achieved through our SCP (Standard Coding Process). We use Tungsten special tools for cutting in order to minimize burr level.

Also quality control checks are carried out right through manufacturing process at regular half-intervals on every machine and the record is maintained separately.

Inventory management and using right grade of material for every core design constitutes a major step in our process control.

Annealing of Cores and Lamination is carried in our Roller / PIT Furnace to relieve the plastic & elastic strain encountered in steel while processing, under strict control to maintain mill instructed Annealing standards.

Packing: This process we think is the most important step as the material we handle is very sensitive to human touch. At most care is taken in handling the e-steel right from storage of raw material till finished product. The products are packed on soft wooden pallets / hard pressed boxes which are packed with anti-humid Volatile Corrosion Inhibiting layers to deliver our customer the best processed products in best useable condition.

Raw Materials

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.

Manufacturing Mills of CRGO Steel do guarantee the core loss figure at flux density of 1.5 Tesla for conventional grain oriented steel and at 1.7 Tesla in case of HI-B and HI-B-LS steel. The grades of material popularly used are M-3, M-4, M-5 and M-6. We also use, for special requirements of the customers, HI-B Material designated as MOH, TRAN-COR H, ZH, ZDKH and ZDMH.

Our Values & Behaviours

We aim to conduct our businesses ethically and in a manner that is respectful to all. We achieve this by aligning our goals with our six core values.

OWNERSHIP MINDSET

INTEGRITY Upholding our reputation is paramount as we are judged by how we act. We are committed to be truthful in all our actions. We strive to be honest and forthright with one another and with all our stakeholders. We respect the world in which we operate. It begins with compliance with laws and regulations.

ONE TEAM

Whatever the strength of the individual, we will accomplish more together. We put the team ahead of our personal success and commit to building its capability. We trust each other to deliver on our respective obligations.

RESPECT

We believe that without respecting all our stakeholders there can be no Reliance. We acknowledge that there may be a difference of perspectives but there must always be respect

CUSTOMER VALUE

We believe the customer is the reason for our existence and the only guarantee to our future. Everything that we do must delight our customer, each time and always.

EXCELLENCE

We are committed to excellence, in spirit and action. We believe everything that we do and everything we think can always get better. We see all of our activities in terms of our higher purpose and ideals, which drives our quest for excellence always

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Our Products

➔ C.R.G.O Transformer Lamination for Transformers upto 20 MVA (As per customer's drawing/specifications)



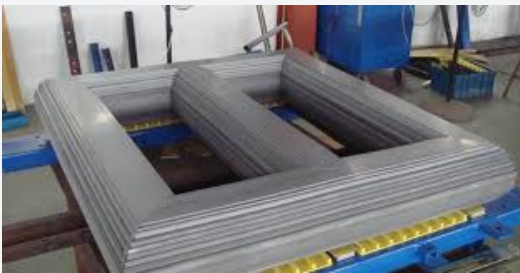
Laminations for - Distribution, Power & Instrument transformers (No constraint of length/width) with

- 45 degree mitred design or Rectangular Design
- V-Notch

We have facilities for processing laminations having varying features viz: Hole punching, tip cutting, V notching and also having programmers to manufacture lamination's of all possible shapes and sizes for making POWER Transformer cores in:

- HORIZONTAL STEP LAP design
- CONVENTIONAL design
- Rectangular P T Lamination's

➔ BUILT-UP CORE ASSEMBLY



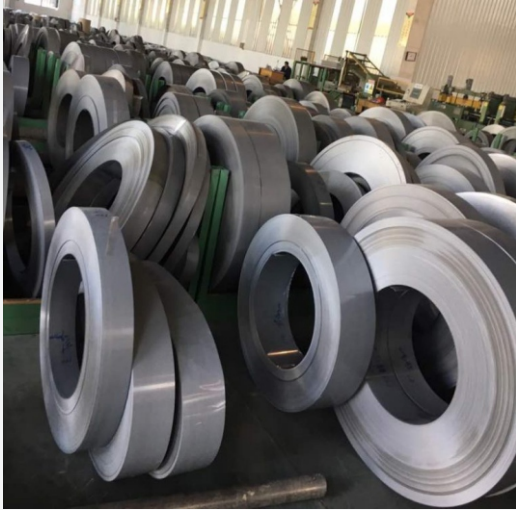
Built Core assembly for transformer with folded/welded frame parts, for 5 KVA to 5MVA. Transformer rating duly tested for No load loss and No load current ready for LV & HV coils insertion.

The core is specially designed for low watt loss. Highest grade steel is used for the core construction. Best possible core forming techniques are formulated for better result and enhancement in product quality.

Built core assembly is for the transformers with folded/welded frame parts for range of 5 KVA to 5 MVA upto 11 KV transformer rating duly tested for no load losses and no load current, appropriately packed and ready for insertion of LV and HV coils.

Our Products

➔ C.R.G.O. Slit Coils



Jaas Steel offers the complete range of CRGO/CRNGO Slit Coils in sizes ranging from 10 mm upwards and thickness ranging from 0.23 mm to 0.30 mm in various grades. These are slit on an slitting machine to attain minimum burr in the cutting edge of the coils, which is typically less than 10 microns.


We manufacture these products in line with the global quality standards.

Contact Us

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Thank You!