

Transformer cores and CRGO manufacturing

Manufacturing capabilities and technical enquiry preparation



Assembled transformer core manufactured by Chenfan Electric.

Chenfan Electric manufactures transformer cores and processes CRGO electrical steel in Hebei, China. Our work covers core laminations, step-lap cutting, stacking and core assembly.

Manufacturing scope

Core laminations

Cut-to-length CRGO laminations prepared to agreed drawings, geometry and assembly requirements. Cutting and inspection requirements are reviewed before production.

Core assembly

Step-lap cutting, stacking and assembled transformer cores, with project-specific dimensions and acceptance criteria. Assembly arrangements should be defined in the approved drawing.

CRGO processing

Electrical steel supply and slitting to specified steel grade, thickness and width. Material and coating requirements are confirmed for each order.

Quality requirements

Dimensions, burr control, stacking requirements and inspection records are reviewed against the agreed specification. Performance values are established through a project-specific technical review.

This guide describes the core and electrical steel scope. Product dimensions, test requirements and delivery terms depend on the agreed project specification.

Prepare a clear technical enquiry

A complete enquiry helps define the material, manufacturing and acceptance requirements. Confirm the following details before production:

- Core drawing, dimensions, assembly arrangement and required tolerances.
- Electrical steel grade, thickness, coating and material requirements.
- Quantity and the required production or delivery schedule.
- Packing arrangement and any handling requirements for the destination.
- Target market requirements, inspection method and acceptance criteria.

Review before manufacture

Check that the drawing revision, material specification and inspection criteria refer to the same project. Resolve any missing dimensions or unclear requirements before confirming production.

Keep the scope precise

Do not assume a core loss, dimensional tolerance or stacking value from a general brochure. Confirm the required values and how they will be measured for the specific project.