

MARKET POSITION

Consistent year-on-year growth in revenue and business volume has enabled STEELFID to build a strong network of customers and partners, along with deep industry expertise. We work closely with leading manufacturers of electrical distribution and power transformers.

STEELFID*SARL AU*

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STEELFID*SARL AU*

Precision Magnetic Steel Solutions



High-quality magnetic coils and strips designed for the global electrical transformer industry from our strategic base in Morocco.

COMPANY OVERVIEW

STEELFID is a Limited Liability Company (LLC) based in Tanger Automotive City (TAC), in an area of 3,800 m². With a capital of 2 000 000 euros, we specialize in the production of magnetic circuits, coils, and laminations for transformers, offering complete manufacturing solutions for laminations and complete modules in distribution and power applications



ABOUT US

Founded in Tangier, STEELFID is committed to meeting the growing demand for high-quality magnetic steels in the electromechanical sector. Our goal is to provide exceptional products and services that exceed our customers expectations

OUR VALUES

We live by these core principles:

- Service Quality: Excellence in everything we do
- Market Expertise: We drive innovation through knowledge
- Social Responsibility: We contribute positively to our community

Our dynamic team thrives in a collaborative environment that embodies our entrepreneurial spirit and values.

KEY ADVANTAGES



LOW CORE LOSSES



HIGH PERMEABILITY



THERMAL STABILITY



ENERGY EFFICIENCY

CERTIFICATIONS



RAW MATERIALS AND PRODUCTION

STEELFID imports 4,000–5,000 tons of magnetic steel coils per year from global suppliers to produce laminations for transformer manufacturing. Below are the characteristics of our raw materials and finished products.

RAW MATERIAL CHARACTERISTICS

Product	Steel Coils
Country of origin	Worldwide (EU, USA, South Korea, China, ...)
Storage condition	STEELFID company warehouse (Morocco)
Quantity	Stock (tons): 1,300–1,500

FINISHED PRODUCT CHARACTERISTICS

Product	Steel Strips, Finished Magnetic Cores
Country of origin	STEELFID company warehouse (Morocco)
Storage condition	Awaiting shipment
Quantity	2,000–3,000 tons (Stock), National International Distribution

OUR PRODUCTS

COILS

High-permeability electrical steel coils available in standard grades.

MAGNETIC CORES

Ready-to-use magnetic cores manufactured to customer specifications.

LAMINATIONS

Precision cut-to-length laminations supplied as sheets.

Standard thicknesses: 0.20 mm, 0.23 mm, 0.27 mm, 0.30 mm

Custom dimensions: Available on request.

STEEL STRIP PRODUCTION PROCESS FOR TRANSFORMERS

The production process for transformer steel strips typically includes the following steps:

1. Raw Material Receipt and Quality Control: Receiving and storing magnetic steel coils from suppliers. Initial quality control is performed, including specific core loss and insulation resistance testing.
2. Slitting: Cutting the master coils into narrower strips to the required widths using a slitting machine. Dimensional accuracy and burr height are controlled during this stage.
3. Cut-to-Length: Cutting the slit strips to the specified lengths according to customer requirements.
4. Final Quality Control: Verifying dimensions, magnetic properties, surface condition, and other key parameters to ensure compliance with specifications.
5. Packaging and Shipping: Packing the finished strips to prevent damage and preparing them for shipment to the customer.

