

The heart of your energy

Technology. People. Power.



Over 20 years of innovation and industry leadership

PowerCoils is a recognized production company on the market for the design and production of wound components for applications in the electronics industry in various sectors, including: **power electronics, railways, electromedical, industrial automation and home automation.**

+16 Mln

TURNOVER

+150

CUSTOMERS

32

LINEAR WINDING
MACHINES

35

TOROIDAL WINDING
MACHINES

34

FULLY AUTOMATIC
MACHINES

4 locations

ITALY
TUNISIA
CHINA
GERMANY

Thanks to the complete automation of the Italian production site, we guarantee reliable, high quality products, in a short time and at a very competitive cost. The company has several teams of specialized professionals who follow every phase of the production process, from conception to quality control.

To meet the needs of each customer, for each type of service, PowerCoils provides the customer with its experience and expertise in process and product engineering. This makes it possible to carry out tailor-made projects, providing turnkey solutions to best meet the required specifications.

All services are supported by a multi-localized logistic-production hub that guarantees the customer maximum assistance, speed and quality.

PowerCoils offers three types of pre-production services:

01.

NEW PRODUCT
DEVELOPMENT

02.

CO-DESIGN

03.

REENGINEERING

The advantages of relying on Powercoils



01.

Prototyping Service

PowerCoils is not just a manufacturer, in fact it offers a prototyping service that goes beyond the simple technical creation of a prototype. In addition, it offers its experience in the sector, offering technical advice on production, advising the customer on materials and the best production process.

02.

Turnkey Project Offering

When the customer needs advice or support for their products, PowerCoils comes into play and, thanks to its experience and skills in process and product engineering, is able to provide a complete service based on the customer's needs, providing customized product, production and logistics solutions based on customer requests.

03.

Complete automation of the Italian production hub

The increased investment in automation offers numerous advantages, allowing you to remain economically competitive while maintaining high quality and reliability. The main benefits of automation are:

- reduction of delivery times;
- greater control over the production process and the quality of the final product, due to the repeatability of production batches and product specifications;
- flexible change management during production and for product delivery;
- economic competitiveness.

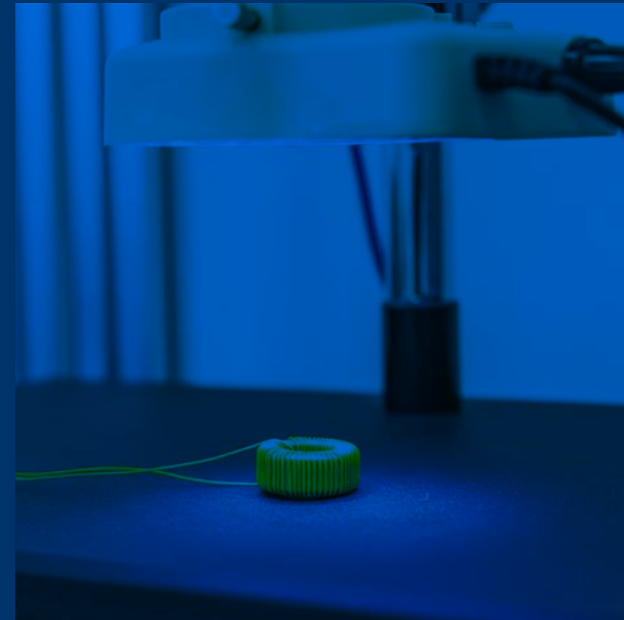
04.

High quality control

Thanks to the complete automation of production, the highest level of product quality control is ensured. To ensure even greater accuracy, in addition to the standard quality control procedures, additional sample tests are carried out before shipping to the customer.

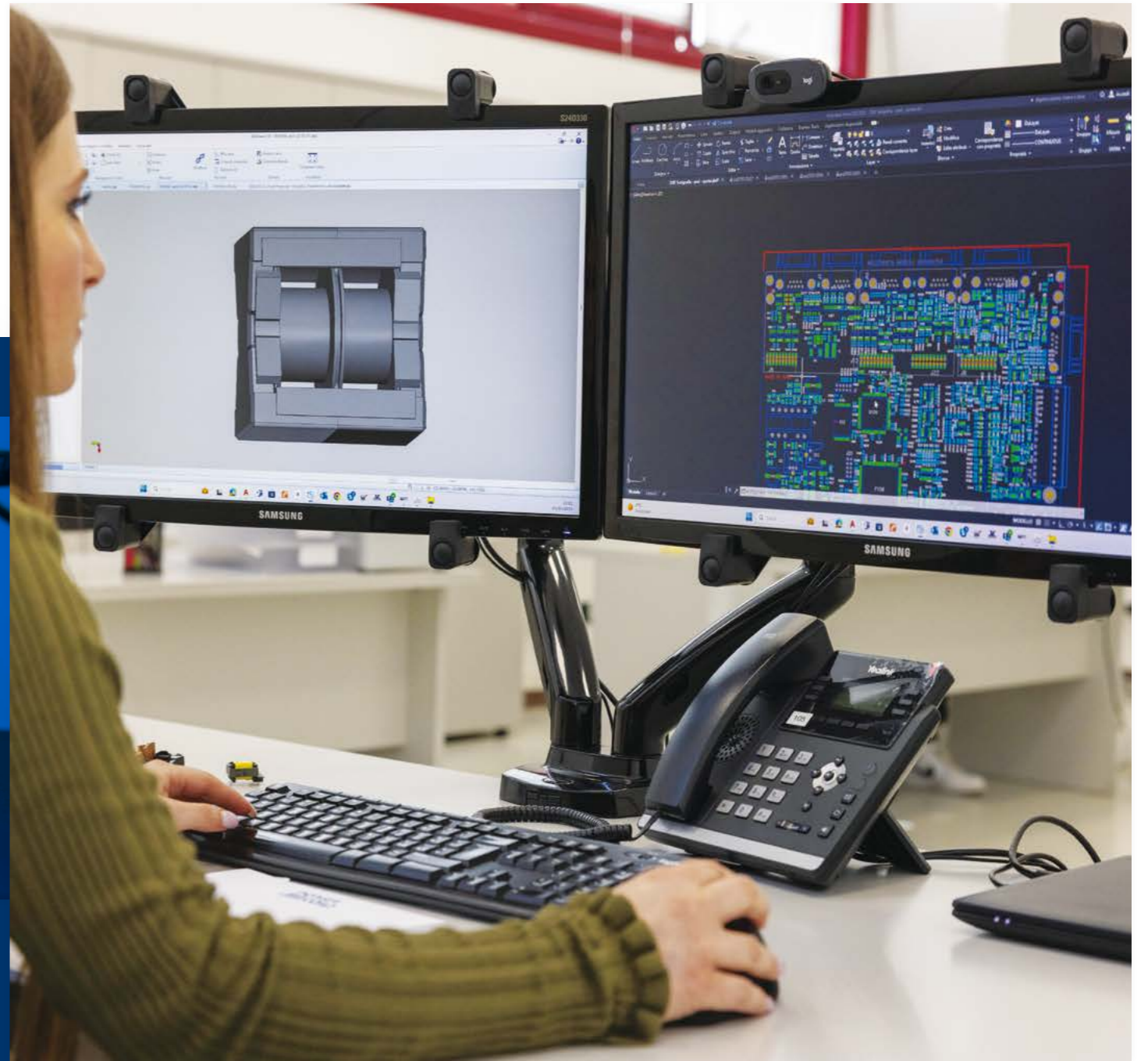
R&D, co-design and prototyping

PowerCoils has optimized its business model in order to provide a wide range of services that are perfectly suited to all customer needs, covering a wide spectrum ranging from prototyping service to tailor-made products.



The company has laboratories, located in Italy, which have been specially equipped with the latest generation instrumentation for product qualification and operating simulations, as well as twenty years of experience in design that guarantees a highly specialized technical consultancy service, especially during the development phase of new products.

At PowerCoils, the customer is at the center of every phase of the process, benefiting from tailor-made and continuous assistance that aims to ensure the creation of efficient, functional and highest quality products.

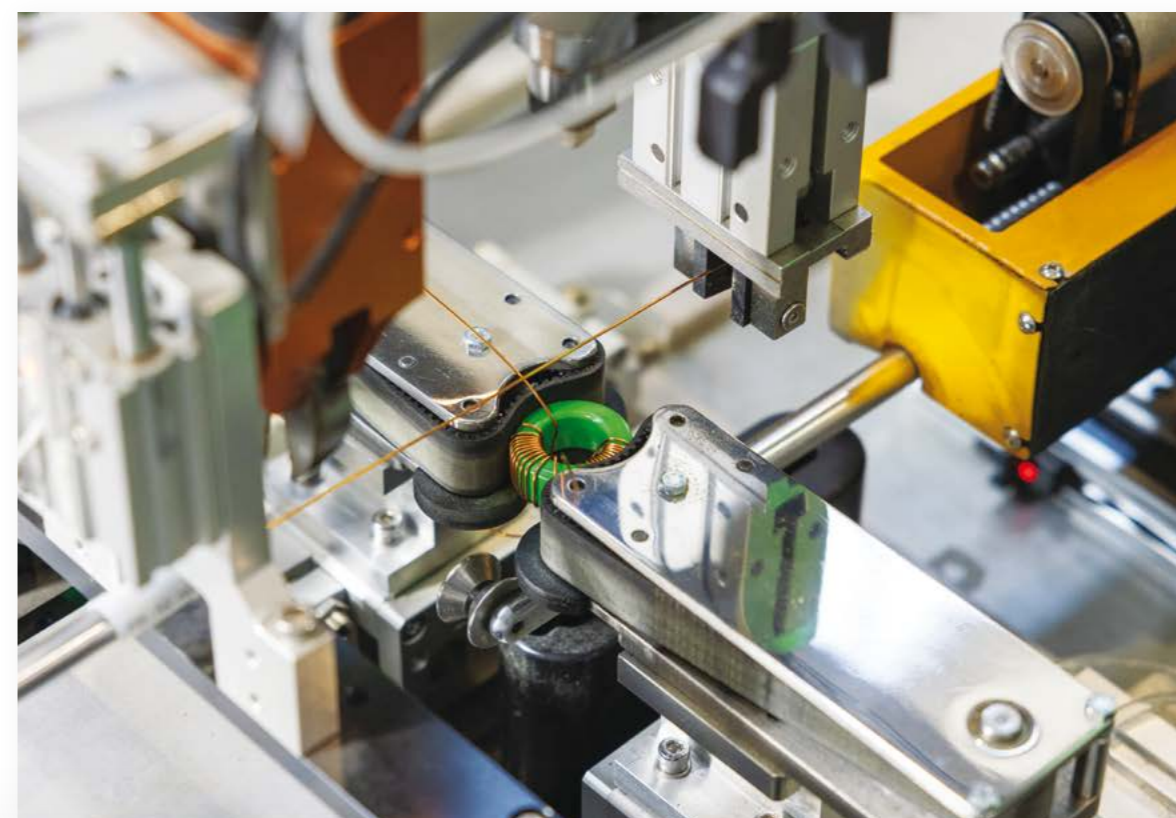


This approach allows us to fully understand the customer's specific needs and adapt the product development.

The Italian hub has taken a significant step forward through a significant investment in automation. This commitment has led to the implementation of a complete automation of our production process, which is not only a great opportunity for the company, but also a tangible benefit for our customers. This results in increased operational efficiency, reduced costs, and shorter lead time, allowing customers to enjoy high-quality products in a shorter time frame and at competitive costs.



The complete automation of the production process at the Italian hub ensures not only maximum reliability in product quality, but also economic and timing advantages for customers.

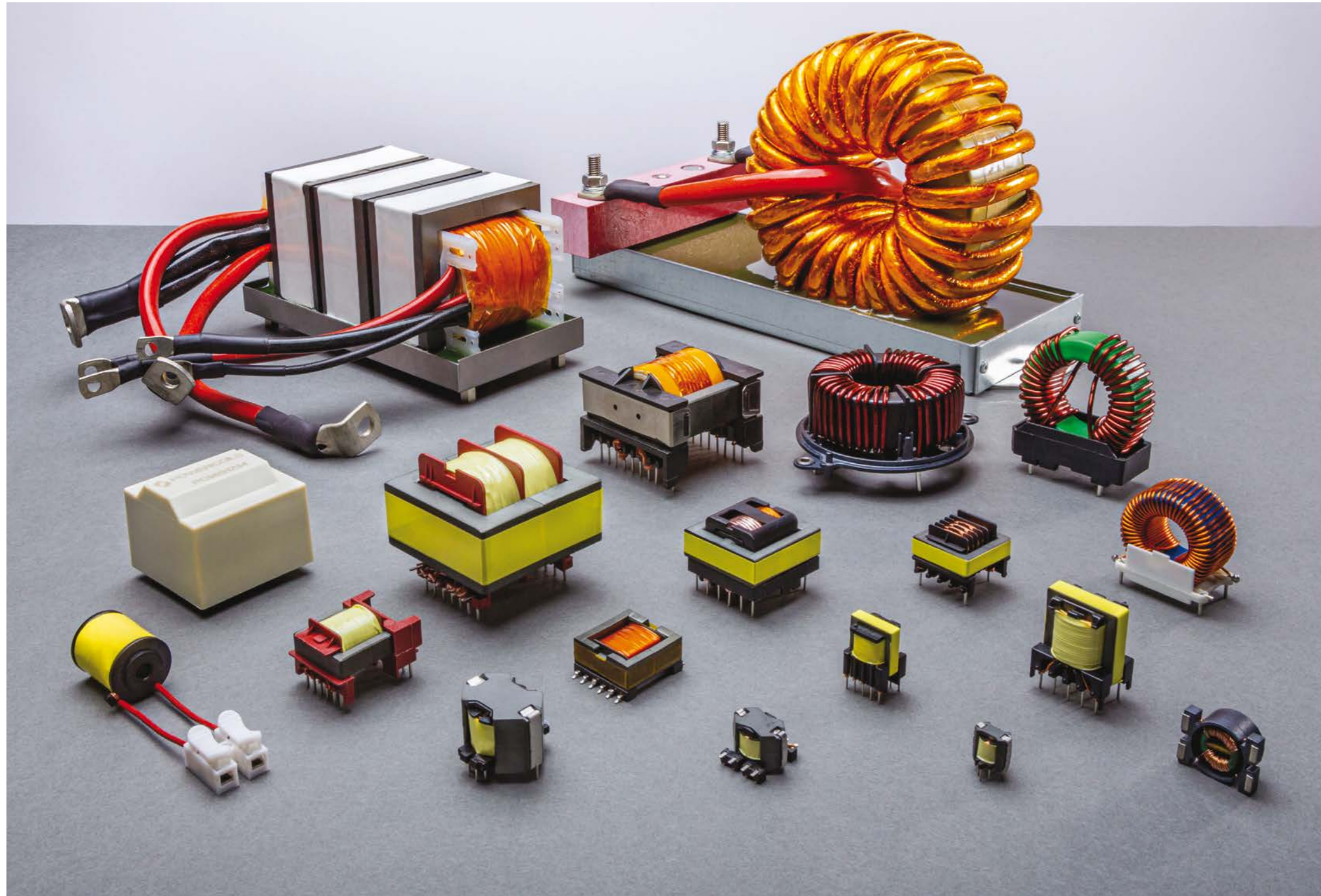


Manufacturing excellence

The production plant in Tunisia represents similarly an important strategic resource for the company thanks to its privileged geographical position. Its location makes it possible to significantly reduce the time required to procure materials, thus optimizing the entire production process. In addition, the presence of the same machines used in the design phase at the operational headquarters in Pescara guarantees a high level of consistency between the prototype and the final product.

In order to ensure impeccable quality control and maximum customer satisfaction, we are committed to carrying out sample tests of our products before final shipment. These tests are conducted in addition to normal quality control procedures, in order to provide extra verification of the conformity and performance of the products. This supplementary practice allows us to identify and resolve any potential issues promptly, ensuring that only compliant products reach customers' hands.

Products



Sectors and Application

Power Electronics

- UPS
- High Frequency Battery Charger
- Inverters
- EV Chargers

Railway

- Traction converters
- Signalling Train Control Systems
- Diagnostics
- Railway power supplies

Electromedical

- Ultrasonic Generators
- X-ray machines
- Medical power supplies
- Laser and UV-C

Industrial Automation and Home Automation

- Motor Drive controllers
- Filters
- HVAC
- Smart home

**All PowerCoils factories are
UNI EN ISO 9001:2015 certified.**

All PowerCoils products can be accompanied by a TEST CERTIFICATE and UL Recognized certificates according to UL1446 standards, File No. E339767, insulation class (EIS), Class B (130°C), Class F (155°C).



Head Quarter

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Factories

Tunisia | Italy

Branches:

CHINA (Shandong), GERMANY (Keltern)

powercoils.it