

TECHNICAL SUPPORT AGREEMENT

GENERAL CONDITIONS OF SALE

Spin Applicazioni Magnetiche srl proposes this form of collaboration contract "TSA" (**Technical Support Agreement**), to provide a complete service and support in the design, optimization of devices and development of new products.

Description of the service

This proposal consists in the supply of a number of days of activity, in agreement with the customer.

Services provided

Devices:

- Thermal behaviors
- Mechanical components
- Electric motors
- Electric generators
- Electromagnetic linear actuators
- Electromagnetic sensors
- Transformers – coils
- Induction heating systems
- Analysis and simulation of thermal behavior
- FEM analysis and optimization of structural, noise and vibration problems by means of FEM calculation programs for mechanical analysis
- Executive projects for the construction of prototypes
- Analysis of the technological compatibility of the project
- Characterization of magnetic laminations
- Technical-scientific support in the field of magnetic materials

Advantages for the customer

This service allows the customer to benefit some advantages:

- Rapid response in starting activities
- Save money compared to equivalent separate ordered activities
- Flexibility in choosing the services requested
- Availability of human resources with specific preparation
- Advanced software calculation tools

Calculation programs used by Spin technical team

Electromagnetic Analysis: Flux2D-3D by Altair,

Thermal Analysis: Flux2D-3D by Altair

System Analysis-electronic controls: Activate by Altair

Mechanical Analysis: OptiStruct and Inspire by Altair, Solid Works.

CFD-fluid dynamics: AcuSolve

Optimizers: Altair HyperStudy, Spin Bcs Magnetic Applications

Spin technical team

Our staff consists of eleven technical people and one technical director.

Activities are carried out or supervised from senior technicians.