

IDEMAG

MAGNETS

and **MAGNETIC**

Developments



**MADE IN
EUROPE**

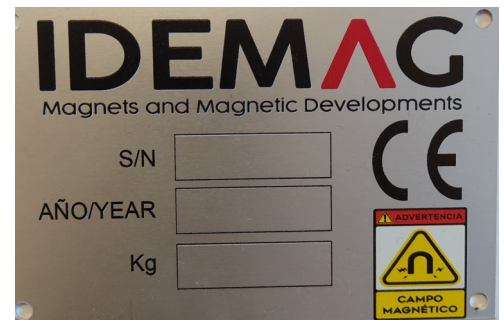
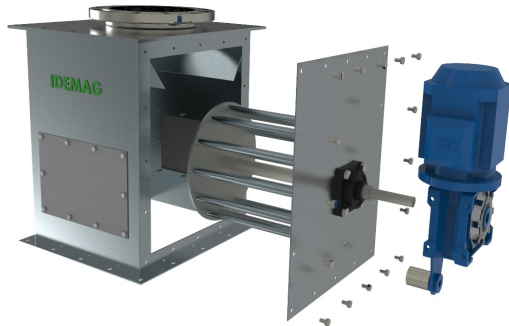
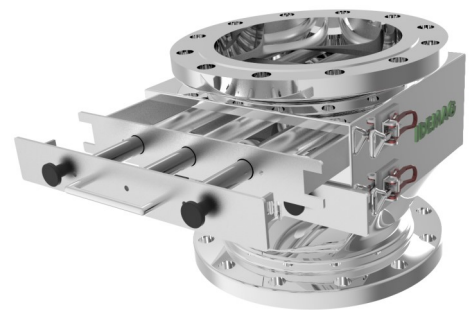
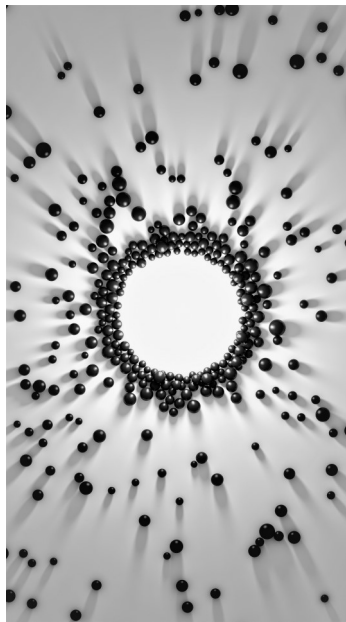
Who we Are

IDEMAG

An LLC company established in Spain in 1993.

IDEMAG S.L. (*Imanes y Desarrollos Magnéticos*)

**specializes in the design and manufacturing of custom
permanent magnetic and electromagnetic products for
various
industrial applications**



MANUFACTURING OF
MAGNETIC PRODUCTS IN
THE EUROPEAN ECONOMIC
COMMUNITY (EEC)



Magnetic Developments

Magnets Design

IDEMAG offers a variety of customized design Magnets owing to its long standing experience in the particular field of Magnetic Applications.

We offer Bespoke magnetic solutions with applied design 3D drawings leading to the final product and post-production testing.

IDEMAG works closely with the customer, from the original application concept, to production Prototyping for larger scale supplies.

Our services include the selecting and supplying of magnetic materials, in whichever gradin to suit the mechanical and working machinery environment. Preliminary testing is mandatory to ensure the success of the prototype to then guarantee its production.



Custom Magnets

Services Offered:

Design starting from consultancy

- Prototyping
- Precision cutting and grinding
- Magnetization and Demagnetization
- Assembly
- Specific testing

We provide assistance from consultancy to the design stages, to the production process developing prototyping and testing necessary for production and supply.

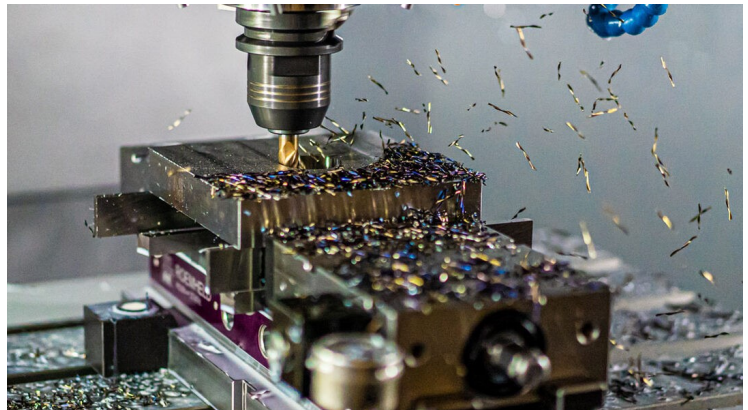
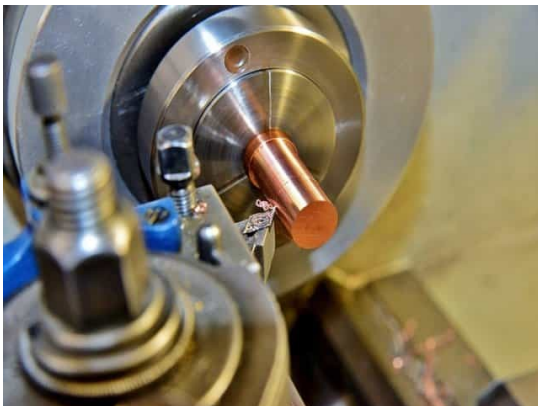


WHAT we DO

Mechanized

Our precision milling and specific machinery in our production warehouse allows us to work the material according to the requested specifications or adapt the Standard components.

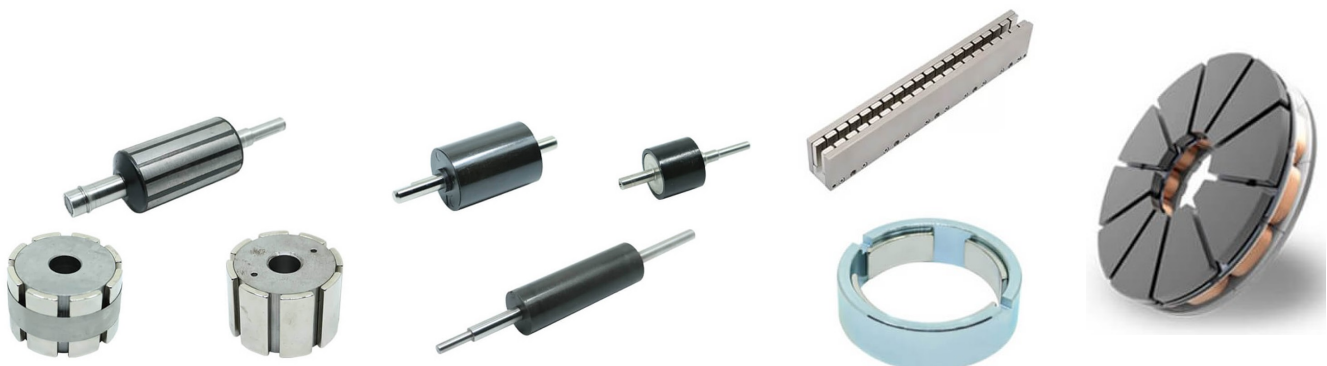
Given the fragile and brittle nature of magnets, our Production Team has the necessary know-how to treat magnets of all types according to specific mechanical tolerances and its peculiar characteristics.



Magnetic component Development

In cases of special magnetic developments, such as in the construction of Magnetic Couplings, the necessary knowledge and experience are required for the design and production of the same that the customers specific requirements are met.

Our experienced engineers and technicians can work closely with you from the initial design to complete production.



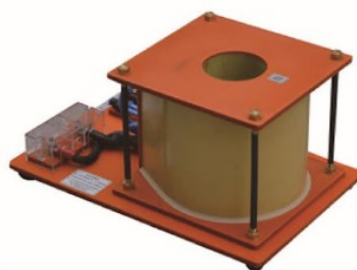
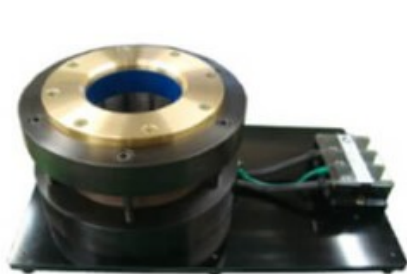
Know-How

Magnetizing

Each material requires a different magnetic field to saturate and all its properties after the applied magnetic field is removed.

Machines set up by charging a large capacitor and rapidly releasing the stored charge through a copper coil, thus generating a magnetic field.

During magnetization, the attraction field is determined by the energy released during the capacitor discharge, the diameter of the copper coil, and the number of turns in the coil. Higher discharge energy, smaller diameter coils (smaller air gap), and more turns in the coil contribute to producing a larger field.

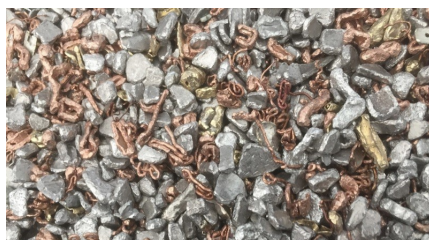


TESTING

IDEMAG S.L. is able to measure magnetic materials according to existing specifications and clarify performance and quality criteria. Using the following magnetic testing methods, we can detect any problems in your magnets.

- In-house material Testing
- Magnetic attraction test probing
- Gaussmeter Magnetic recordings

IDEMAG S.L. also supplies Gauss meters and polarity indicators for those who work or assemble magnets in their products.



IDE - TECH

MAGNETIC TECHNOLOGY

<https://idemag.com/en/ide-tech/>



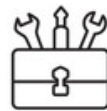
Response to RFQs in short time, including study with 3D design in the advanced quotation process.



Experienced staff for Consultancy and Start-Up commissioning services including OEM project

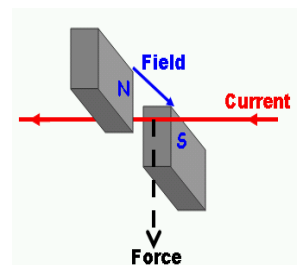
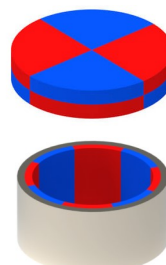
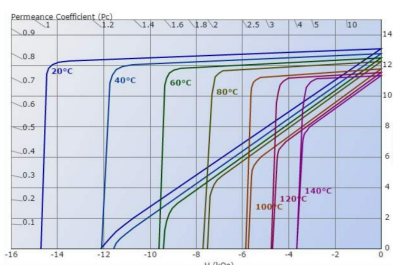
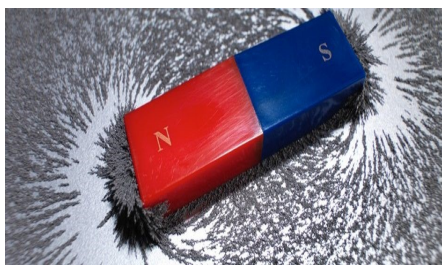


In-House Fabrication and Assembly according to EU Standards.



Post-Sales Maintenance and Technical Services and warranty extension options.

IDEMAG's technical and testing facilities are equipped with cutting-edge magnetic separation equipment. In this space, we perform the necessary technical validations for customization projects and all related test simulations applicable to industrial processes to ensure our solutions fully meets the clients expectations.



MAIN SECTORS FOR USE OF MAGNETIC Technologies

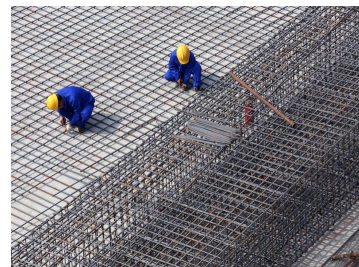
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Magnetic Separation



AUTOMOTIVE



CONSTRUCCION



METALLURGY



PRINTING / LABELING



SPECIAL LIFTING /Robotics



DECORATION / POS



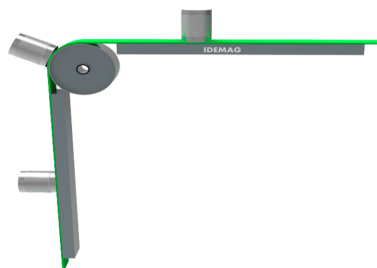
WAREHOUSING



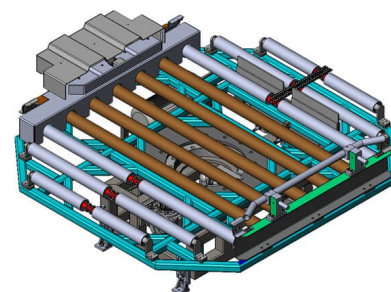
FOOD Processing



OFFICE/School Supplies



**Magnetic transport
conveyor systems**



AUTOMATION Projects



**MADE IN
EUROPE**

IDEMAG

Magnets and Magnetic Developments



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