

SPECIAL ELECTRIC MOTORS ? *A specialist's business !*

Leroy-Somer does, of course, manufacture a wide range of standard electric motors. However, changes to standards and regulations in terms of health and safety, the environment and energy savings, often lead to the creation of special ranges to respond to these requirements.

For example, the European ATEX directive 94/9/CE, applicable from July 2003, has lead Leroy-Somer to develop electric motors specially designed for use in atmospheres containing explosive gas or dust.



Modern industrial machinery must be increasingly faster, more reliable and accurate, energy-saving and must respect the environment. Motors specially designed for each function are therefore required to guarantee this level of performance. Leroy-Somer offers a wide range of electric motors in various technologies: asynchronous, synchronous, brake motors, servomotors, HPM, switch reluctance, DC, motors conforming to NEMA standards, or UL or CSA approved, etc.



Combined with gearboxes and electronic speed drives designed and manufactured by Leroy-Somer, these motors respond to the wide variety of requirements of major industrial sectors. These include the automotive industry, mechanical construction, ventilation, pumping and compression applications, the chemical industry, agribusiness, transportation of both people and goods, packaging.



Using powerful calculation and modelling methods, Leroy-Somer is able to create motorised solutions dedicated to a particular application, for example to reduce the number of parts in a machine and/or to provide new functions.

Leroy-Somer has been established in the majority of industrial sectors for well over 80 years and can draw on this experience not only to create products to meet the technical requirements of different markets, but also to advise users in their choice of motorization technology.

Special motors? That's our speciality !