LEROY SOMER®

4183 en - 03.2008 / b

Drive systems & electrical energy production for construction, local government structures, large infrastructure and industrial projects

EMERSON™
Industrial Automation

LEROY SOMER®
www.leroy-somer.com

Drive systems and electrical energy production

- Energy production

- District cooling
- Air conditioning

- Security ventilation

- Water distribution and treatment
- Treatment of waste

- Elevators

Alternators / 1 to 20000 kVA
Energy production for generators, emergency services, stand-by, cogeneration ...

Asynchronous motors 0.18 to 750 kW
District cooling, ventilation, air conditioning, …

Motors intended for very high temperatures 0.55 to 500 kW
Security ventilation for car-parks, tunnels, …

Asynchronous motors 0.18 to 750 kW Gearmotors up to 16000 Nm
Pumping, ventilation, conveyors, centrifuges, …

Elevator motors up to 2000 kg of load

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Industrial Automation

References ...

Middle-East

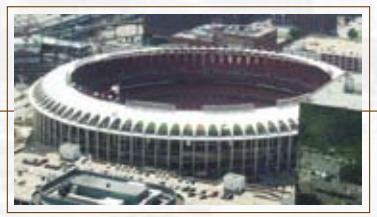
- **Burj Dubaï Tower** (Dubaï)
  The highest tower in the world !
  - District cooling: 36 pump motors from 90 to 500 kW
  - Water distribution by sectors comprised of a certain number of floors: 38 motors from 37 to 280 kW
  - Smoke extractors for car-parks: 220 high temperature & 30 smoke extraction motors
  - Emergency generators: alternators from 2500 kVA, 11 kV

- **Burj Dubaï Mall** (Dubaï)
  The biggest shopping centre in the world !
  - Smoke extractors: 630 fan motors

- **Burj Al Arab** (Dubaï)
  - 500 variable speed drives for fan motors and air conditionning

- **Al Faisaliah Tower** (Ryadh)
  - 160 motors and variable speed drives from 5.5 to 160 kW
- **Arafat Lifting Station** (Mecca)
  - Motors, variable speed drives and alternators

Europe



- **Stade de France** (Paris)
  - 8 MW of electrical energy: 5 alternators
  - Ventilation: 400 high temperature motors > 200 kW for closed premises and car-parks
  - Mobile Stands: 20 30 kW motors for hydraulic units
  - Elevators equipped with Leroy Somer Motors
- **Tours de La Défense** (Paris)
  - Smoke extraction motors
  - Elevator motors

- **Athens airport**
  - 500 air conditioning motors
  - Elevator motors

And others in Asia, Latin America, ...

A worldwide group at your service

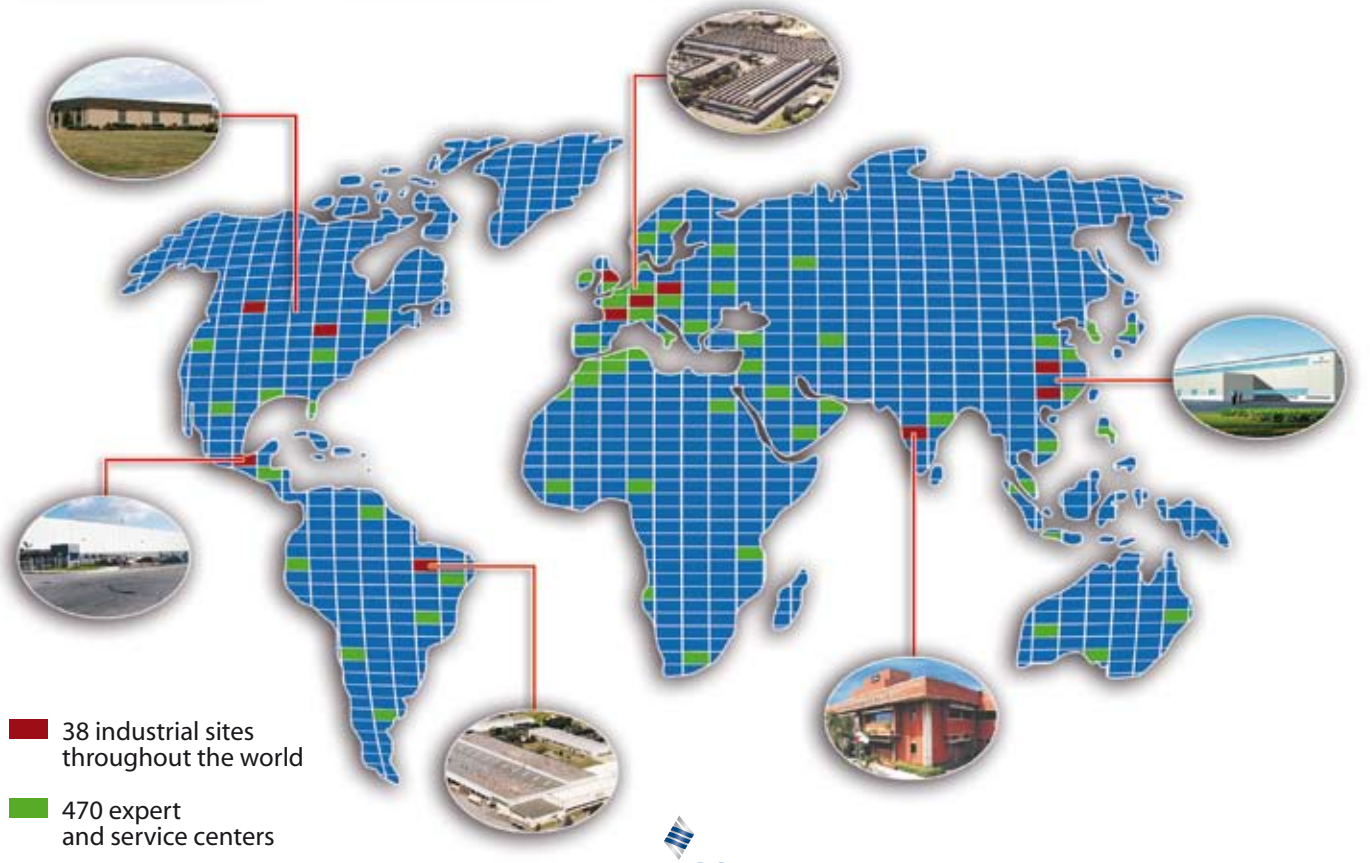
Leroy-Somer is the world specialist in alternators and electromechanical and electronic drive systems.

We supply the most renowned worldwide manufacturers of drive systems for ventilation, air conditioning, heat exchangers, air compressors, as well as the treatment of water and waste. Leroy-Somer is also the world leader for low and medium voltage alternators.

With 10,000 collaborators, the company has built an international network of 470 expert and service centers, capable of offering you the sales and technical assistance you need, 24/7, throughout the world.

In order to be a key player in fast-growing markets, drive your internationalization and ensure a highly-competitive service, Leroy-Somer has established industrial sites in Europe, North America, South America and Asia.

With constant efforts to participate to your development, Leroy-Somer has a multidisciplinary team, dedicated to the global management of projects. The direct involvement of the R&D department ensures that innovative and reliable solutions are available to satisfy your every need.



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