

Any industry, any application, a single source for quality and reliability.

We are your solution



Emerson Industrial Automation, a business of Emerson, is a global technology provider that helps you to meet all your demands. It enables productivity, efficiency and quality gains for customers across a spectrum of industries. Our products include alternators, electric motors and drives, electrical distribution devices, mechanical power transmission, fluid automation and ultrasonic joining solutions. Emerson brands include Appleton, Sola HD, Nelson, ASCO Numatics, Browning, Kop-Flex, McGill, Seal Master, System Plast, Leroy-Somer, and Control Techniques.

Leroy-Somer, part of Emerson Industrial Automation, is one of the world’s leading manufacturers and suppliers of motors and drives for a wide range of applications, including solutions for hazardous location. Standard motors range from 0.25 to 1000 kW, with high efficiency models available for lower energy consumption.

Leroy-Somer’s EPG (Electric Power Generation) division is the world leader in low, medium and high voltage alternators, with the most extensive range (from 1 to 20 MW) on the market and products suitable for a wide variety of applications. Its expertise is recognised throughout the power generation business, demonstrating its capacity to meet the needs of its customers worldwide.

Control Techniques, another business unit of Emerson Industrial Automation, is a leading manufacturer of AC and DC variable speed drives, servos and power conversion technologies. Control Techniques combines extensive industry experience, modular drive design, powerful technology and advanced tool kits to provide complete industrial automation solutions. Our innovative products are used in the most demanding applications requiring performance, reliability and energy efficiency.



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Building & Infrastructure
Motors & Drives - Electric Power Generation

Building & Infrastructure: Motors & Drives - Electric Power Generation

> Construction



**Dedicated solutions
for building cranes**

> Safety ventilation



**High temperature motors
up to 400°C / 0.55 to 500 kW**
Smoke extraction motors
for car-parks, tunnels, ...

> Energy production



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

> Air conditioning & district cooling



**Motors up to 2000 kW
Drives up to 2800 kW**
Induction & Permanent Magnet
technologies

> Elevators



**Complete motors & drives
solutions,
up to 2000 kg cabin load**

> Renewable Energy



**Photovoltaic inverter systems
From 70 kW to 100 MW**

> Water distribution & waste treatment



**Motors up to 2000 kW
Gearmotors up to 23000 Nm**
Pumping, ventilation, conveyors,
centrifuges, mixing, ...

References ...

Burj Khalifa Tower (Dubai)

- The tallest tower in the world !
- District cooling: 36 pump motors from 90 to 500 kW.
- Water distribution: 38 motors from 37 to 280 kW.
- Smoke extractors for car-parks: 250 motors.
- Emergency generators: alternators 2500 kVA.



Burj Dubai Mall (Dubai)

- The largest shopping centre in the world !
- 630 smoke extraction motors.



Burj Al Arab (Dubai)

- 500 variable speed drives for fan motors and air conditioning: 0.75 and 1.5 kW.



Al Faisaliah Tower (Ryadh)

- 160 motors and variable speed drives from 5.5 to 160 kW.



Arafat Lifting Station (Mecca)

- Motors (550 kW), variable speed drives (550 kW) and alternator (2 MVA).



... and others in Asia, Europe and the Americas...