



*Art of heating*

## COMPANY PROFILE

LAC Company Ltd. has been a successful manufacturer and marketer of industrial furnaces, dryers and refractory castable shapes for more than two decades and has a strong presence in both domestic as well as foreign markets. Since its establishment in 1992, the company has manufactured more than 11,000 furnaces.

The LAC manufacturing program includes the manufacture of a complete standard range of furnace and dryer lines, and also accommodates the individual requirements of the customer through the design and manufacture of atypical furnaces tailor-made to meet customer specifications. The LAC development and design office works in tandem with a team of service technicians to ensure quality service to customers and pave the way for future company growth. A significant part of the LAC business is the manufacture of refractory castable shapes, the bulk of which are used in the manufacture of industrial furnaces.

The rapid growth of the company is illustrated by its present 200 employees, capital assets of 480,000 EUR, and 25,000 m2 of production, warehousing and company administration facilities. In 2007 the company certified its quality management system according to ČSN EN 9001 and in 2010 passed recertification according to the new standard ČSN EN ISO 9001:2009. In 2008 LAC opened a sales branch in China.

### MANUFACTURING PROGRAM:

- FURNACES FOR CERAMIC AND GLASS
- LABORATORY FURNACES AND DRYERS
- FURNACES FOR HEAT TREATMENT
- FURNACES FOR FOUNDRIES
- LOW-TEMPERATURE APPLICATIONS
- CUSTOM PROJECTS — ATYPICAL SOLUTIONS

### Laboratory furnaces and dryers

These furnaces are designed for all types of laboratory tests in medical, stomatological, hygienic, ceramic, glass-making and other laboratories. They are suitable for testing technologies where the emphasis is put on the accuracy of temperature distribution.



### Furnaces for ceramic and glass

These furnaces are used primarily in the ceramic and glass industries. They are suitable for both professional firing, as well as for hobby ceramics. Use in the ceramics field for high-volume decorative ceramics and industrial ceramics firing.



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## Furnaces for heat treatment

Furnaces for different types of heat treatment under a normal or protective atmosphere (argon, nitrogen, forming gas). Types of heat treatment: annealing, hardening, tempering, artificial aging, curing, preheating.



## Furnaces for foundries

Gas and electric resistance furnaces for holding or melting of non-ferrous metals in foundries. Furnaces can be stationary or tilting. As a part of the range of holding furnaces we offer also the extremely energy efficient furnace PTE Mk.II, to which we perform energy audits.

## Low-temperature applications

Dryers for a very wide range of applications especially in the machine-building industry. These dryers are suitable for drying, vulcanization, curing, pre-heating and other applications.



## Custom projects — atypical solutions

A wide range of use mainly for engineering companies (automotive and aircraft industries). LAC custom project are used especially for the following applications: preheating of automobile dashboard components, hardening of photovoltaic panels, hardening of plastic components for automobile dashboards, tempering of automobile lights, artificial aging and annealing, annealing of aluminum profiles after extrusion, chemical-heat treatment.



**LAC, s.r.o.**  
Stefanikova 116  
664 61 Rajhrad  
Czech Republic

tel.: +420 547 230 016  
fax.: +420 547 230 212  
[www.lac.cz](http://www.lac.cz)

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