



☐ Electro-Mechanical Maintenance

☐ Graphite  
Specials

☒ Cleaning of  
Industrial parts

☐ Steel  
Specials

## DRYING OVEN

Since 1916, Luckerath has been active in four market segments. These segments form a complete assortment of products and services in the domains Electro-mechanical maintenance, Graphite and Specials, Cleaning of Industrial components and Steel Specials. Mission: Luckerath supports the critical process components by delivering high quality goods and services supply. This means that Luckerath ensures that industrial production processes run continuously in and efficiently.

☒ CLEANING OF INDUSTRIAL PARTS

☒ THE FUNCTIONING OF THE DRYING OVEN





## Cleaning of Industrial parts

Luckerath is a specialist in cleaning industrial parts. This market segment includes the cleaning of any metal type that is coated with one or several types of paint, varnish or coatings. Luckerath proposes two types of Industrial ovens for the cleaning, each one of them unique in their domain. These ovens can remove varnish or dry the product. Moreover, the ovens are the end product of year-long tests and adaptations that have resulted in a unique design with very high performances for many different applications.

The Dutch and Belgian inspection authorities have tested all industrial ovens entirely and all tests with regard to safety, consumption and emission and have been passed successfully. The computer controlled operation enables the ovens to be used for many applications and to be set according to your own requirements.



## The functioning of the drying oven

In addition to Pyrolysis and burnout ovens (MUBO), Luckerath produces drying ovens. These are, amongst others, very suitable for the curing and polymerisation of electrical insulating varnishes, resins and paints. The design ensures that the drying oven is able to dry in a fast and professional way, using forced air circulation. Besides the drying of varnish, resin and paint, the oven can also be used for the pre-heating and drying of granulates. The oven has multiple functions. The sucking in of the air by one or several ventilators, mounted centrally in the oven ceiling, ensures a constant air flow. The greater part of this air is evenly distributed over the electrical resistances, resulting in heating up. This heated air is then blown back into the oven, via the side walls, through the double construction. The remaining air is removed through the chimney, via a programmable and adjustable valve. The distribution can be pre-programmed. The simple operation enables you to set the oven entirely to your own requirements. All drying ovens are equipped with a digital temperature setting, an additional maximum thermostat, a ventilator with an explosion free fan and finished inside with heat resistant aluminum paint. The Luckerath drying ovens are designed by a team of specialists, in accordance with your requirements. Luckerath can supply various dimensions and two types of operations. The "standard" version contains three mechanical time settings that have been programmed beforehand. The "special" version is equipped with different options for, amongst others, programming: the pre-setting of starting time, regulation of ramping temperatures and times. This ensures a controlled drying of the goods.



Please contact your account manager, if you require more information about this product group. Luckerath is also your address for personalized advice. Besides drying ovens, Luckerath also supplies burn out ovens and pyrolysis ovens. These are all part of our complete and extensive range to keep industries running!

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**KEEPS INDUSTRIES RUNNING**