



Electro-Mechanical
Maintenance



Graphite
Specials



Cleaning of
Industrial parts



Steel
Specials

MUBO 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.



ELECTRO-MECHANICAL MAINTENANCE



THE FUNCTIONING OF THE MUBO OVEN



Electro-Mechanical Maintenance

One of the market segments that LuckeraTH offers to its customers is Electro-Mechanical Maintenance. This market segment consists of all products and services that are required for the maintenance of electro motors, transformers and electric transfers. LuckeraTH supplies and installs complete workshops with machines such as test devices, priming reservoirs, winding machines, pyrolysis- and drying ovens, etc. Thanks to a team of specialists with extensive professional knowledge, LuckeraTH is capable of converting the customer's requirements into a specialised product of high quality. LuckeraTH's assortment is comprehensive and conveniently presented.

The functioning of the burnout oven (MUBO)

Besides Pyrolysis ovens, LuckeraTH also manufactures burnout ovens. These ovens, also called burn out ovens, are able to incinerate, for example, binding agents used to keep coils in electro-motors and transformers together. This facilitates the fitting of new windings in the electro-motors. The functioning is for the greater part similar to a pyrolysis oven. The ovens use heat to reach a temperature of maximum 420°C. The maximum temperature is to be set beforehand. The design and the temperature ensure that copper windings are burnt out of the oven. Electro-motors can therefore be re-wound in a fast and professional way. The difference between the Pyrolysis and the burnout oven is the oxygen control in the heating chamber. The oxygen in the burnout oven is not minimised as in the Pyrolysis ovens, therefore this oven is perfectly suitable for the pyrolysis of electro-motors and transformers. LuckeraTH is leading the way in the domain of environmental requirements! All burnout ovens comply with the strict worldwide environmental requirements. This is ensured, amongst others, by the controlled supply of gas and oxygen. The built-in delayed heating chamber ensures that all dangerous gasses are burnt before entering the environment. Therefore, the temperature in the delayed heating chamber is approx. 850°C. This technique ensures that the environment remains free of harmful substances.

All burnout ovens are simple to operate. The oven can be set to your own requirements by pressing only a few steps. All ovens are equipped with a digital temperature indication, a temperature protection by means of a water spray system, an explosion hatch on top of the oven and a moveable cart for easy loading and unloading of goods.

Please contact your account manager, if you require more information about this product group. LuckeraTH is also your address for personalized advice. Besides burnout ovens (MUBO), LuckeraTH also supplies Pyrolysis ovens and drying ovens. These are all part of a complete and extensive range to keep industries running!



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