

## Dürr Systems AG

POINT (9.12801 48.93988)



Dürr is a mechanical and plant engineering group that holds leading positions in the world market in its areas of operation. The Dürr Group operates in the market with five divisions.

The Clean Technology Systems division is focused on processes to **improve air emissions abatement** and **energy efficiency**. Dürr makes a key contribution to reducing air pollution in a wide range of industries.

State-of-the-art plant technology ensures the efficient destruction of exhaust gases and residues while ensuring a high level of process reliability and reduced energy consumption.

Manufacturing processes can produce exhaust gases and vapors that can harm the environment if not treated properly. In order to protect the environment, these gases and vapors must be removed from the exhaust stream before they are released to the atmosphere. Industries such as chemical, pharmaceutical and printing and metal coating, as well as automotive and industrial painting among others are generally affected by the need to control air emissions.

With Dürr Clean Technology Systems equipment, such as thermal exhaust air purification, catalytic oxidation, adsorption and absorption, the gases and vapors in these industries can be removed effectively.

To complete the range of technologies Dürr is also enhancing their energy efficiency products, such as the micro gas turbine and "Organic Rankine Cycle" technology.

As a system partner, Dürr combines technical know-how with global availability to support customers worldwide. From planning to implementation and service, Dürr supplies efficient, effective, and comprehensive solutions.

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set your environmental networks

## Leistungsbeschreibung 1

Production processes produce exhaust gases and vapors that can harm the environment, these exhaust gases and vapors must be removed from the exhaust air before the process air is released into the atmosphere. The key tasks include: » Cleaning exhaust air from production processes » Removing exhaust gases from the reaction processes » Complying with statutory guidelines for emission control while reducing the use of primary energy sources » Eliminating unwanted odors

## Leistungsbeschreibung 2

The potential from the use of untapped energy sources is immense. Energy efficiency means making meaningful use of existing waste heat and applying it more effectively. Together with partner companies, Dürr offers a variety of innovative energy efficiency technologies that seamlessly complement each other. Our products use excess process heat, waste heat, as well as conventional and alternative fuels to store, relay, or transform energy or to convert it into electricity.

## Leistungsbeschreibung 3

System Assessments: » Expert and thorough knowledge for complete systems » Complete diagnostic assessment of the systems current condition » Assessment focus can be crafted to closely match operational objectives » Additional consultation and planning og measures

Inspection and Maintenance:

- » Preventive inspections and servicing
- » Expert troubleshooting and fault correction
- » Service hotline
- » Remote diagnostic

Modification and Conversation: » Design and planning of new production solutions » Upgrade of existing plants to the latest state of the art technology » Capacity expansions and reduction in unit costs and energy costs

please fill in your company projects

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