

NEWS

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RAY EGELHOF GMBH SUPPLIES BURNER TECHNOLOGY FOR LNG TERMINAL IN BRUNSBÜTTEL

TECHNOLOGY FROM BADEN-WÜRTTEMBERG SUPPORTS GERMANY'S ENERGY INDEPENDENCE

Fellbach / Brunsbüttel, September 2025 - RAY Egelhof GmbH, a specialist in industrial combustion technology based in Baden-Württemberg, has won an competitive tender process and been awarded the contract to supply ten high-performance burners for one of Germany's first onshore LNG terminals in Brunsbüttel. This project is considered a milestone for the German energy supply and independence from Russian natural gas.

The major order comprises the delivery of ten industrial burners, each with an output of 22 MW, which will be used in the regasification process. The LNG terminal in Brunsbüttel is part of the German strategy to diversify energy sources and a key element of the energy transition process. With an annual capacity of up to one billion cubic metres of natural gas, the terminal is expected to cover around ten percent of German gas consumption in the future.

'The fact that we were able to prevail against several well-known competitors is a great success for our company and shows the international competitiveness of our technology,' says Mr Harald Heinze, the General Manager of RAY Egelhof GmbH. 'Our combustion solutions are making a concrete contribution to Germany's energy independence, providing state-of-the-art, low-emission technology from southern Germany.'

Technology for the energy transition

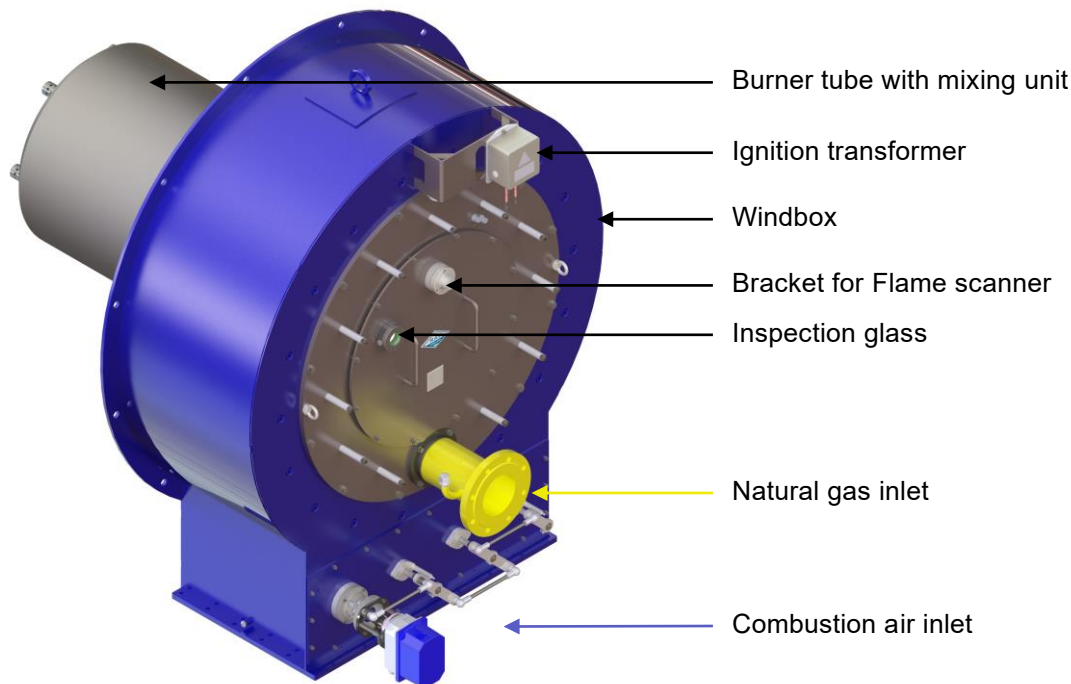
Regasification is carried out either on the water with so-called 'FSRUs' (Floating Storage and Regasification Units) or onshore, such as in Brunsbüttel. In the terminal, liquefied natural gas (LNG) at a temperature of -163°C is converted into a gaseous state using heat exchangers. The process heat required for this is generated by burning a small amount of the LNG - with the help of RAY Egelhof burners. A small portion of the LNG is burned to use the resulting energy to gently heat and vaporize the remaining LNG. The processed natural gas is then fed into the German gas grid.

The Brunsbüttel order was won in collaboration with QUEMADORES RAY ESPAÑA S.A, in which RAY Egelhof GmbH is a shareholder. Spain is regarded as a European pioneer in LNG technology - its expertise played a key role in the bidding phase.

Diversification as a success factor

Following the geopolitical challenges of recent years, particularly in the wake of the Crimean crisis in 2014, RAY Egelhof GmbH analyzed and systematically reduced its international dependencies. Today,

the strategic realignment is proving to be a successful model: 'Our investments in diversification and location independence are now paying off,' says General Manager Heinze.



Burner in ultra-low NOx design of the EGLN series, which is used in this project.

About RAY Egelhof GmbH

RAY Egelhof GmbH is an internationally active manufacturer of firing systems based in Fellbach and Waiblingen (Baden-Württemberg). Since its foundation in 1872, the company has stood for innovation in industrial burner technology - from horizontal rotary cup atomizer to today's high-tech burner systems for oil, gas and alternative fuels. The product spectrum ranges from small scale burners to customized large-scale systems with an output of up to 70 MW. RAY Egelhof produces exclusively in Germany and, in addition to planning and production, also offers installation, service and retrofit solutions for a sustainable energy future.

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