








Combustion
Engineers &
Manufacturers

De Jong Combustion

-  A. de Jong Groep
-  A. de Jong Installatietechniek b.v.
-  A. de Jong Installatiebeheer
-  A. de Jong Airconditioning
-  De Jong Thermal Engineering b.v.
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-  De Jong Combustion b.v.
-
-  R&V Engineering b.v.

Partner in
combustion
power!

project demands. We can supply a range of burners, including low emission burners. In addition, our burners can be applied in systems that require heating of air or other process flows (such as in DeNOx systems), with or without the use of augmenting air. De Jong Combustion operates in a variety of markets such as power, (petro) chemical, utility, processing and industry. Due to our many years of experience in designing, manufacturing, supplying, commissioning and servicing of tailor made, innovative burner systems, we can call ourselves experts in this field.

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Partner in combustion power!

Some processes require more steam than your unfired boiler can supply. A De Jong Combustion supplementary firing system can offer the solution as it raises the temperature of the flue gas and increases steam generation in the boiler. Our supplementary firing systems make use of the oxygen in the flue gas while minimizing harmful emissions. Another application of our burners is in incineration. Incineration may be required to reduce harmful substances before process (waste) flows can be emitted or re-used. For direct fired boilers different types of burners can be applied depending on the specific



Innovation, reliability, commitment and added value for our customers. These are the trademarks of De Jong Combustion B.V. (De Jong Combustion) in Schiedam, the Netherlands. Our company is specialised in the design, engineering, manufacturing, supply, commissioning, servicing and maintenance of turnkey and tailor made industrial burners and combustion equipment for a large range of applications using all types of gas and liquid fuels. We have more than five hundred (500) references and more than eighty (80) years of experience in the field. De Jong Combustion is active worldwide and, among others, in the following sectors:

- Combined cycles/ cogeneration
- Utility power plants
- Refineries
- Incineration
- Desalination
- Chemical processing
- Pulp and paper
- Breweries & food

Combustion innovation is vital to our success. Our R & D Department is continuously working to develop new applications and improvements to ensure that we will continue to meet the different requirements of our customers and the changing environmental requirements. In addition, our engineers strive to achieve the most cost effective solutions for the end-users by:

- Optimising combustion efficiency
- Meeting stringent emission criteria
- Maximizing reliability
- Maximizing availability
- Maximizing life time
- Minimizing maintenance costs
- Optimising safety of burner management systems



Our products are extensively evaluated and tested and are readily available to ensure that we can meet the required delivery times. With De Jong Combustion you will be guaranteed better performance, lower emissions and more powerful results. The high quality products of De Jong Combustion meet the highest standards for industrial installations. Our range of products consists of:

- Duct burners for supplementary firing
- Duct burners for process applications (e.g. reheating of flue gasses for DeNOx systems)
- Low-NOx burners for firing gas/oil in fired boilers
- Gas/oil burners for utility boilers
- Burners for low caloric gases like Blast Furnace Gas
- Incinerators/oxidizers (such as for CO)
- Start-up/load burners for Fluidized Bed
- Air (re-)heaters

Working with De Jong Combustion will bring you more than a reliable product that meets your technical requirements and delivery times. De Jong Combustion is committed to provide the best customer support, service and team spirit to achieve the best possible result for the end-user. We are a partner for our customers!

Please contact us for any burner or combustion question that you may have!

