

K-Jet Calciner Burner



EASILY CONTROL PRODUCT QUALITY WITH HIGH EFFICIENCY

FCT Combustion's proprietary K-Jet burners produce high efficiency fuel-air mixing for use in calciners and pre-heaters, with optimal positioning and operation determined by CFD modelling.

K-Jet can be designed to suit various fuel types for increased flexibility and multi-fuel firing convenience. K-Jet applications include single or multiple burner configurations.



FEATURES

- Fuel firing capacity: single or multiple simultaneous fuels
- Suitable for all fuels, including natural gas, solid fuels, liquid fuels and alternative fuels
- Size up to 80MW
- Horizontal or down-fired configurations
- In-line calciners or riser firing burners
- Single or multiple burner configurations
- Operates with or without primary air, depending on application
- Integral ignition and pilot if required
- Durable, long-life nozzles
- Optional modelling services to optimise burner number, location and configurations



BENEFITS

- Increased fuel flexibility provides for reduced fuel costs
- Improved mixing for better fuel burnout, efficiency and product quality
- Improved heat release and distribution
- Reduced build-up from localised over heating
- Reduced emissions

Asia-Pacific
FCT Combustion
+61 8 8352 9999
sales_APAC@fctinternational.com

U.S.A & Canada
FCT Combustion Inc
+1 610 725 8840
sales_US@fctinternational.com

Europe
FCT Combustion GmbH
+49 3 222 109 6283
sales_EU@fctinternational.com

South America
FCT Combustao Consultoria Ltda
+55 11 4118 6004
sales_BRAZIL@fctinternational.com



Global expertise in combustion technology, delivered by a local team.

FCT Combustion are experts at delivering complete combustion solutions to high-temperature processing plants worldwide. Our best-in-class products are proven to deliver results and are currently optimizing the operations of industry leaders across the globe.

At FCT Combustion, your process is our priority. Our offices provide local, personalized support, backed by our global expertise, to deliver the best solutions for your process and environment.



Asia-Pacific
FCT Combustion
+61 8 8352 9999
sales_APAC@fctinternational.com

U.S.A & Canada
FCT Combustion Inc
+1 610 725 8840
sales_US@fctinternational.com

Europe
FCT Combustion GmbH
+49 3 222 109 6283
sales_EU@fctinternational.com

South America
FCT Combustao Consultoria Ltda
+55 11 4118 6004
sales_BRAZIL@fctinternational.com

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