

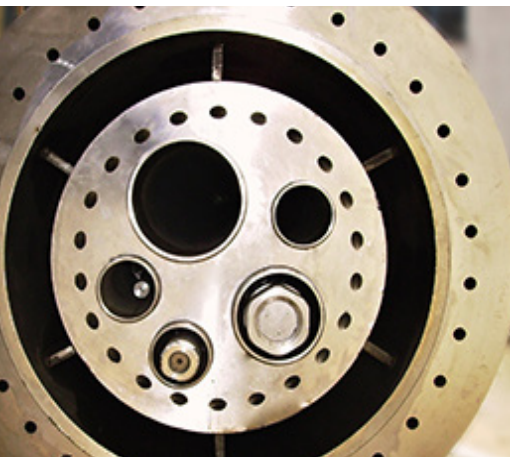
Turbu-Jet™



MULTI-FUEL ROTARY KILN BURNER SUITABLE FOR ALL INDUSTRIES

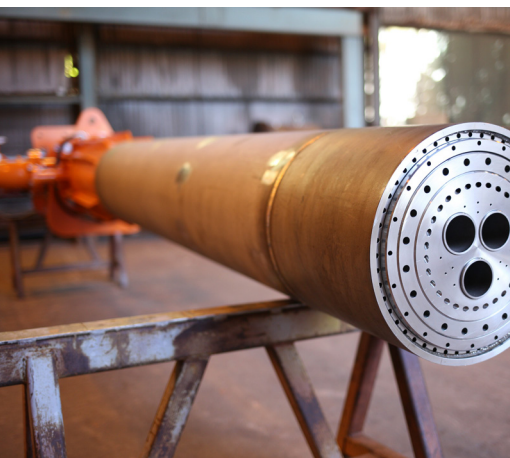
Turbu-Jet™ is FCT Combustion's flagship solid fuel burner, customizable for maximum fuel flexibility and multi-fuel firing while consistently delivering high performance.

Featuring patented and award winning 'lofting air' technology, Turbu-Jet™ is backed by years of CFD modelling and extensive operational experience, with hundreds of installations in mineral processing industries across the globe.



FEATURES

- Multi-fuel capability suitable for solid, liquid, gaseous, alternative fuel (AF), refuse derived fuels (RDF), and fuels of low calorific value
- Flame shape control by primary air
- Low primary air requirement, dependant on alternative fuel usage
- Fully modelled design with increased controllability
- Supplied up to 160MW - more possible
- Optional 'lofting air' technology for solid fuel channel, for optimal dispersion of AF into the flame
- Integral automatic pilot ignitor
- In-burner flame detector
- Long-life faceplates for minimal maintenance costs



BENEFITS

- Customizable design to suit all fuel requirements
- Independent control for different fuels
- Improved dispersion of solid alternative fuels without wear
- Reduced fuel costs, as multi-fuel firing allows for reduced prime fuel usage and increased AF or secondary fuel substitution
- Great control of heat release
- Low primary air requirement
- Wide flame adjustment, using only primary air proportion
- High turn-down, no warm up burner required
- Easy and effective flame adjustment
- Improved refractory life
- No moving parts for easy operating and reduced maintenance

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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