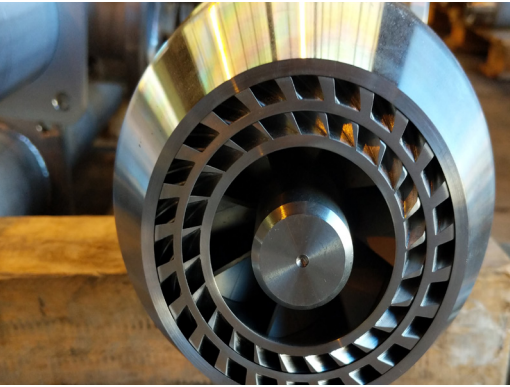


I-Jet Burners for Iron Ore Pelletizing



A COMPACT DESIGN DELIVERING MAXIMUM PERFORMANCE

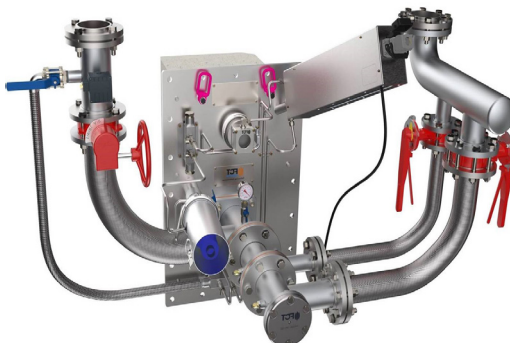
The premier, proven burner for iron ore sintering and pelletizing plants using straight/travelling grate kilns. I-Jet can also be used in a number of other applications such as hot gas generators, calciners and pre-heat chambers.

Designed for maximum flexibility, the range offers exceptionally robust all-round performance that can efficiently use various gaseous and liquid fuels.



FEATURES

- Very high turn down (1:30) to cover a range of firing rates with the added ability to pre-heat the pellet kiln
- Excellent cold start-up stability
- Dual gas channels for optimum flame shape control
- Fuel flexibility to fire natural gas, low calorific gases and various oils such as tar and waste oils
- Replaceable gas and oil guns for rapid fuel switching
- Oil guns can be fitted with an atomizer to suit the fuel, including air atomization, pressure atomization, and atomizers for oils with particulates
- Supplied with a refractory burner block, integrating pilot burner, flame detector and sight port
- Custom Burner Management Systems and Fuel Handling Systems also available



BENEFITS

- Reduced specific fuel usage
- Long-life, robust design and construction
- High turn down ratio and control
- Proven low fire, cold-start stability
- Easy burner gun replacement for low maintenance
- Low primary air requirement

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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.



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