

# I-JET

The premier iron ore pelletizing burner  
for use in traveling grate kilns

**THERMAL POWER OF 2-8MW**

**HIGH TURNDOWN RATIO 20:1**

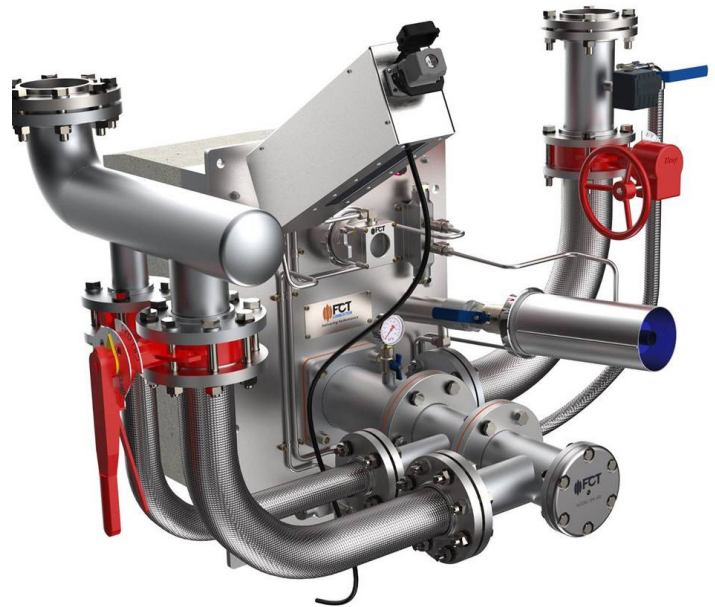
**MULTI-FUEL FLEXIBILITY**

**PROVEN LOW FIRE, COLD START STABILITY**

**LOW PRIMARY AIR REQUIREMENT**

**LONG LIFE, ROBUST DESIGN AND  
CONSTRUCTION**

**MULTIPLE APPLICATIONS**



A high-quality, compact burner specifically designed for iron ore sintering and pelletizing plants using traveling grate kilns.

I-Jet burners can also be used in a number of other applications such as calciners and pre-heat chambers.

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

Equipped with two gas channels, I-Jet promotes easily adjustable flame shaping while providing exceptional turn-down ability at a ratio of 20:1.

Capable of firing multiple fuel types, the I-Jet can also be equipped with an oil lance to fire diesel, enabling the co-firing of oil and gas.

I-Jet is available in high temperature stainless steel or galvanised carbon steel construction to suit different environments and fuel types.

The system can be supplied as a burner gun only (for retrofitting existing furnaces), or with with cast refractory, sight glass, flame detector and igniter.

Fuel handling valve trains for gas and oil, as well as local control panels and burner management systems, are also available.

[fctcombustion.com](http://fctcombustion.com)

**ASIA PACIFIC**

T: +61 8 8352 9999

E: [sales\\_APAC@fctinternational.com](mailto:sales_APAC@fctinternational.com)

**NORTH AMERICA**

T: +1 610 725 8840

E: [sales\\_US@fctinternational.com](mailto:sales_US@fctinternational.com)



**EUROPE**

T: +49 3222 1096283

E: [sales\\_EU@fctinternational.com](mailto:sales_EU@fctinternational.com)

**SOUTH AMERICA**

T: +55 11 4118 6004

E: [sales\\_BRAZIL@fctinternational.com](mailto:sales_BRAZIL@fctinternational.com)